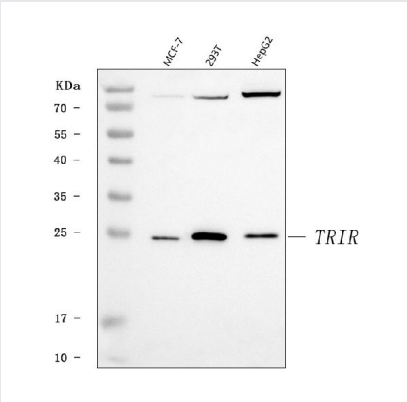
TRIR Antibody – Rabbit Polyclonal

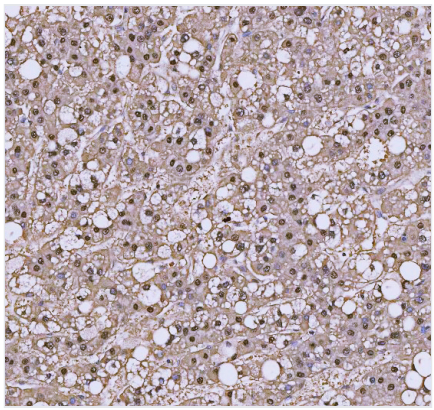
PRODUCT OVERVIEW

Product Name	TRIR, Polyclonal Antibody
Full Product Name	Anti-TRIR Antibody Picoband
Product Gene Name	anti-TRIR antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Purity/Purification	Immunogen affinity purified.
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (lot specific)
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.
Molecular Weight	18,419 Da
3D Structure	ModBase 3D Structure for Q9BQ61
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence of human TRIR (AKYMAEVKKYKAHQCGDDDK).
Product Categories/Family for anti-TRIR antibody	Primary Antibodies, Rabbit Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-TRIR antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-TRIR antibody	WB: 0.25-0.5 ug/ml, Human IHC-P: 2-5 ug/ml, Human Tested Species: In-house tested species with positive results. Enhanced Chemiluminescent Kit with anti-Rabbit IgG (#MBS176460) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (#MBS176453) for IHC(P).
Related Product Information for anti-TRIR antibody	Enables 3'-5' exonuclease activity and 5'-3' exonuclease activity. Involved in RNA phosphodiester bond hydrolysis, exonucleolytic and rRNA catabolic process.
Other Notes	Small volumes of anti-TRIR antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRIR purchase	MBS1755932 is an antibody targeting TRIR. Also known as Anti-TRIR Antibody Picoband. Reactive in Human. Host: Rabbit.



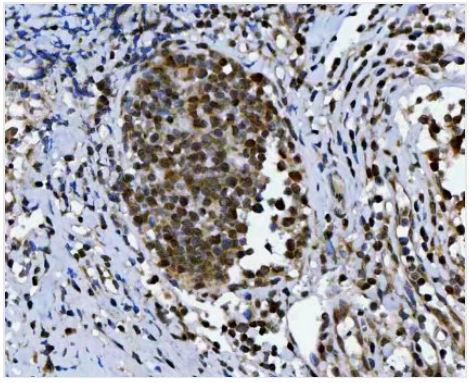
Western Blot (WB) of anti-TRIR antibody

Figure 1. Western blot analysis of TRIR using anti-TRIR antibody (MBS1755932).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human MCF-7 whole cell lysates,Lane 2: human 293T whole cell lysates,Lane 3: human HepG2 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TRIR antigen affinity purified polyclonal antibody (#MBS1755932) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TRIR at approximately 24 kDa. The expected band size for TRIR is at 18 kDa.



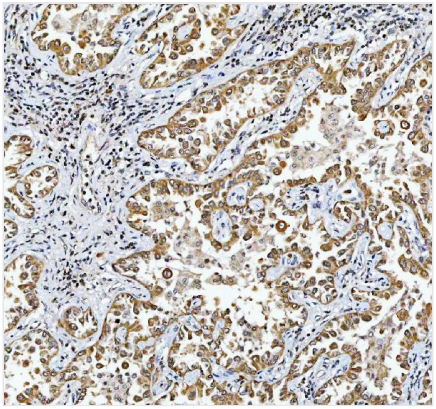
Immunohistochemistry (IHC) of anti-TRIR antibody

Figure 2. IHC analysis of TRIR using anti-TRIR antibody (MBS1755932).TRIR was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TRIR Antibody (MBS1755932) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



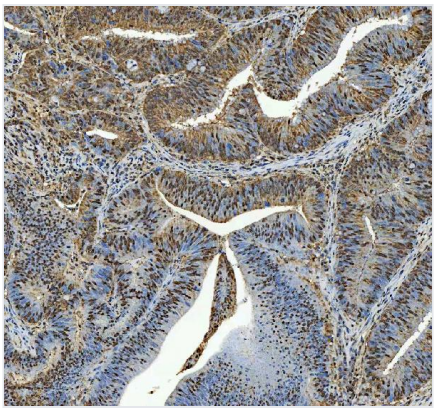
Immunohistochemistry (IHC) of anti-TRIR antibody

Figure 3. IHC analysis of TRIR using anti-TRIR antibody (MBS1755932).TRIR was detected in a paraffin-embedded section of human tonsil tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TRIR Antibody (MBS1755932) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



Immunohistochemistry (IHC) of anti-TRIR antibody

Figure 4. IHC analysis of TRIR using anti-TRIR antibody (MBS1755932).TRIR was detected in a paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TRIR Antibody (MBS1755932) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



Immunohistochemistry (IHC) of anti-TRIR antibody
Figure 5. IHC analysis of TRIR using anti-TRIR antibody (MBS1755932).TRIR was detected in a paraffin-embedded section of human intestinal cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TRIR Antibody (MBS1755932) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIR. It may not necessarily be applicable to this product.

NCBI GI #	13128992
NCBI GeneID	79002
NCBI Accession #	NP_076943.1
UniProt Primary Accession #	Q9BQ61
UniProt Related Accession #	Q9BQ61
GenBank Nucleotide #	NM_024038.2
NCBI Official Full Name	uncharacterized protein C19orf43
NCBI Official Synonym Full Names	chromosome 19 open reading frame 43
NCBI Official Symbol	C19orf43
NCBI Official Synonym Symbols	fSAP18
UniProt Protein Name	Uncharacterized protein C19orf43
UniProt Gene Name	C19orf43
UniProt Entry Name	CS043_HUMAN
NCBI Protein Information	uncharacterized protein C19orf43; My029 protein
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