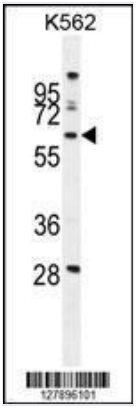
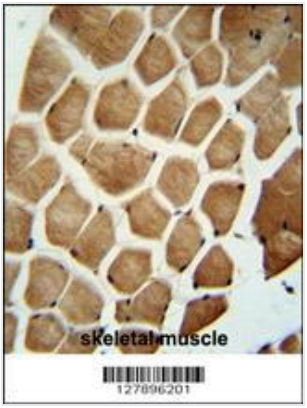
WDR49 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

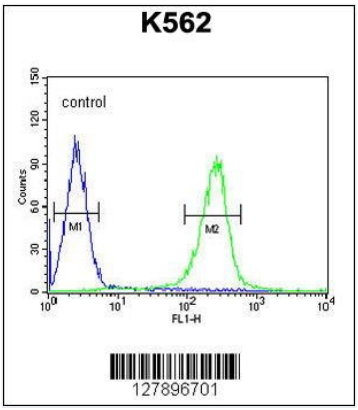
Product Name	WDR49, Polyclonal Antibody
Full Product Name	WDR49, CT (WDR49, WD repeat-containing protein 49)
Product Gene Name	anti-WDR49 antibody
Product Synonym Names	Anti -WDR49, CT (WDR49, WD repeat-containing protein 49)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	79,295 Da
Chromosome Location	Chromosome: 3; NC_000003.11 (167196289..167371747, complement). Location: 3q26.1
3D Structure	ModBase 3D Structure for Q8IV35
Immunogen	WDR49 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 553-583 amino acids from the C-terminal region of human WDR49.
Product Categories/Family for anti-WDR49 antibody	Antibodies; Abs to WD Repeat Proteins
Applications Tested/Suitable for anti-WDR49 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC), Flow Cytometry (FC/FACS)
Application Notes for anti-WDR49 antibody	Suitable for use in Western Blot, Immunohistochemistry, Flow Cytometry, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500 Immunohistochemistry: 1:50-100 Flow Cytometry: 1:10-50
Related Product Information for anti-WDR49 antibody	WDR49 contains 8 WD repeats. The exact function of WDR49 remains unknown. There are two named isoforms.
Other Notes	Small volumes of anti-WDR49 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 WDR49 purchase	MBS6007018 is an antibody targeting WDR49. Also known as WDR49, CT (WDR49, WD repeat-containing protein 49). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-WDR49 antibody
WDR49 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the WDR49 antibody detected the WDR49 protein (arrow).



Immunohistochemistry (IHC) of anti-WDR49 antibody
WDR49 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the WDR49 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometry (FC/FACS) of anti-WDR49 antibody
WDR49 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WDR49. It may not necessarily be applicable to this product.

NCBI GI #	30520335
NCBI GeneID	151790
NCBI Accession #	NP_849146.1
UniProt Primary Accession #	Q8IV35
UniProt Secondary Accession #	Q8N297
UniProt Related Accession #	Q8IV35
GenBank Nucleotide #	NM_178824.3
NCBI Official Full Name	WD repeat-containing protein 49
NCBI Official Synonym Full Names	WD repeat domain 49
NCBI Official Symbol	WDR49
UniProt Protein Name	WD repeat-containing protein 49
Protein Family	WD repeat-containing protein
UniProt Gene Name	WDR49

UniProt Entry Name	WDR49_HUMAN
NCBI Protein Information	WD repeat-containing protein 49
UniProt Comments for WDR49	WDR49: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 3q26.1
Research Articles on WDR49	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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