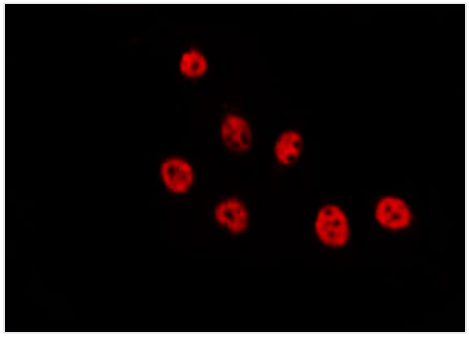
TAIP-12 Antibody – Rabbit Polyclonal

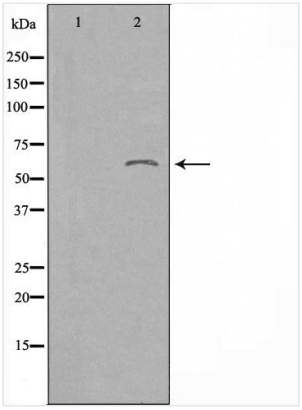
PRODUCT OVERVIEW

Product Name	TAIP-12, Polyclonal Antibody
Full Product Name	TAIP-12 Antibody
Product Gene Name	anti-TAIP-12 antibody
Product Synonym Gene Name	CSRNP2
Product Synonym Names	C12ORF22; Chromosome 12 open reading frame 22; CSRN2_HUMAN; CSRNP-2; CSRNP2; Cysteine serine rich nuclear protein 2; Cysteine/serine-rich nuclear protein 2; Family with sequence similarity 130, member A1; Protein FAM130A1; TAIP-12; TAIP12; TGF beta induced apoptosis protein 12; TGF-beta-induced apoptosis protein 12
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	TAIP-12 antibody detects endogenous levels of total TAIP-12
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	TAIP-12 peptide (MBS9624896) is used for blocking the activity of TAIP-12 antibody (MBS9606179)
Molecular Weight	Observed: 60 kD Predicted: 60 kDa
3D Structure	ModBase 3D Structure for Q9H175
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	**Pig, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus**
Similarity	Pig (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (92%)
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TAIP-12 antibody	Western Blot (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), ELISA (EIA)
Application Notes for anti-TAIP-12 antibody	WB: 1:500-1:1000 IF/ICC: 1:100-1:500
Related Product Information for anti-TAIP-12 antibody	Function: Binds to the consensus sequence 5'-AGAGTG-3' and has transcriptional activator activity (By similarity). May play a role in apoptosis. Similarity: Belongs to the AXUD1 family.

Other Notes	Small volumes of anti-TAIP-12 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 TAIP-12 purchase	MBS9606179 is an antibody targeting TAIP-12. Also known as TAIP-12 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Immunofluorescence (IF) of anti-TAIP-12 antibody
MBS9606179 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blot (WB) of anti-TAIP-12 antibody
Western blot analysis of extracts from HuvEC using TAIP-12 antibody.The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAIP-12. It may not necessarily be applicable to this product.

NCBI GI #	13540602
NCBI GeneID	81566
NCBI Accession #	NP_110436.1
UniProt Primary Accession #	Q9H175
UniProt Related Accession #	Q9H175
GenBank Nucleotide #	NM_030809.2
NCBI Official Full Name	cysteine/serine-rich nuclear protein 2
NCBI Official Synonym Full Names	cysteine and serine rich nuclear protein 2
NCBI Official Symbol	CSRNP2
NCBI Official Synonym Symbols	C12orf2; PPP1R72; TAIP-12; C12orf22; FAM130A1
UniProt Protein Name	Cysteine/serine-rich nuclear protein 2
UniProt Synonym Protein Names	Protein FAM130A1; TGF-beta-induced apoptosis protein 12; TAIP-12
Protein Family	Cysteine/serine-rich nuclear protein
UniProt Gene Name	CSRNP2
UniProt Synonym Gene Names	C12orf22; FAM130A1; TAIP12; CSRNP-2; TAIP-12
NCBI Protein Information	cysteine/serine-rich nuclear protein 2
NCBI Summary for TAIP-12	The protein encoded by this gene belongs to the CSRNP family of nuclear proteins that share conserved regions, including cysteine- and serine- rich regions, a basic domain, a transcriptional activation domain, and bind the sequence 'AGAGTG', thus have the hallmark of transcription factors. Studies in mice suggest that these genes may have redundant functions. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2011]

UniProt Comments for TAIP-12	Binds to the consensus sequence 5'-AGAGTG-3' and has transcriptional activator activity (). May play a role in apoptosis.
Research Articles on TAIP-12	**1.** Observational study of gene-disease association. (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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