CYFIP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CYFIP2, Polyclonal Antibody
Full Product Name	CYFIP2 Polyclonal Antibody
Product Gene Name	anti-CYFIP2 antibody
Product Synonym Names	Cytoplasmic FMR1-interacting protein 2 (p53-inducible protein 121)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity	CYFIP2 Polyclonal Antibody detects endogenous levels of CYFIP2
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	1278
OMIM	606323
3D Structure	ModBase 3D Structure for Q96F07
Immunogen	Synthesized peptide derived from CYFIP2 at AA range: 1171-1220
Product Categories/Family for anti-CYFIP2 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CYFIP2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CYFIP2 antibody	WB: 1:500-1:2000 IHC: 1:100-1:300
Related Product Information for anti-CYFIP2 antibody	MBS8595243 is an antibody targeting CYFIP2. Also known as CYFIP2 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-CYFIP2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CYFIP2. It may not necessarily be applicable to this product.

NCBI GI #	134034199
NCBI GeneID	26999
NCBI Accession #	Q96F07.2
UniProt Primary Accession #	Q96F07

UniProt Secondary Accession #	Q53EN5; Q9NTK4; Q9ULQ2; Q9UN29; A6NLT2; D3DQJ3
UniProt Related Accession #	Q96F07
NCBI Official Full Name	Cytoplasmic FMR1-interacting protein 2
NCBI Official Synonym Full Names	cytoplasmic FMR1 interacting protein 2
NCBI Official Symbol	CYFIP2
NCBI Official Synonym Symbols	PIR121
UniProt Protein Name	Cytoplasmic FMR1-interacting protein 2
UniProt Synonym Protein Names	p53-inducible protein 121
Protein Family	Cytoplasmic FMR1-interacting protein
UniProt Gene Name	CYFIP2
UniProt Entry Name	CYFP2_HUMAN
NCBI Protein Information	cytoplasmic FMR1-interacting protein 2; CYFIP2; p53-inducible protein 121
UniProt Comments for CYFIP2	CYFIP2: Involved in T-cell adhesion and p53/TP53-dependent induction of apoptosis. Does not bind RNA. Belongs to the CYFIP family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cell adhesion; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 5q33.3 Cellular Component: neuron projection; membrane; perinuclear region of cytoplasm; cytoplasm; synapse; cell junction; cytosol Molecular Function: protein binding Biological Process: cell-cell adhesion; positive regulation of proteolysis; apoptosis; innate immune response; vascular endothelial growth factor receptor signaling pathway
Research Articles on CYFIP2	**1.** Increased expression of the cytoplasmic FMR1-interacting protein 2 (CYFIP2), a known FMRP interactor, is detected in fragile X syndrome.
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