

CYFIP2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12564c**Specification**

CYFIP2 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q96F07](#)**CYFIP2 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 26999**Other Names**Cytoplasmic FMR1-interacting protein 2, p53-inducible protein 121, CYFIP2
{ECO:0000312|EMBL:AAH117621}**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CYFIP2 Antibody (Center) Blocking peptide - Protein Information**Name** CYFIP2 {ECO:0000312|EMBL:AAH11762.1}**Function**

Involved in T-cell adhesion and p53/TP53-dependent induction of apoptosis. Does not bind RNA. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (By similarity).

Cellular Location

Cytoplasm. Nucleus Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q5SQX6}. Synapse, synaptosome {ECO:0000250|UniProtKB:Q5SQX6}. Note=Highly expressed in the perinuclear region and enriched in synaptosomes (By similarity) Treatment with leptomycin-B triggers translocation to the nucleus (PubMed:17245118). {ECO:0000250|UniProtKB:Q5SQX6, ECO:0000269|PubMed:17245118}

Tissue Location

Expressed in T-cells. Increased expression is observed in CD4(+) T-lymphocytes from patients with multiple sclerosis (at protein level).

CYFIP2 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CYFIP2 Antibody (Center) Blocking peptide - Images**CYFIP2 Antibody (Center) Blocking peptide - Background**

CYFIP2 is involved in T-cell adhesion and TP53/p53-dependent induction of apoptosis. Does not bind RNA.

CYFIP2 Antibody (Center) Blocking peptide - References

Anitei, M., et al. Nat. Cell Biol. 12(4):330-340(2010)Wu, H., et al. J. Allergy Clin. Immunol. 125(2):321-327(2010)Daley, D., et al. Hum. Genet. 125(4):445-459(2009)Zhou, H., et al. BMC Med. Genet. 10, 123 (2009) ;Jackson, R.S. II, et al. Cell Cycle 6(1):95-103(2007)