

TNIP2 / ABIN-2 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS12123**Specification**

TNIP2 / ABIN-2 Antibody - Product Information

Application	IHC
Primary Accession	Q8NFZ5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa

TNIP2 / ABIN-2 Antibody - Additional Information**Gene ID** 79155**Other Names**

TNFAIP3-interacting protein 2, A20-binding inhibitor of NF-kappa-B activation 2, ABIN-2, Fetal liver LKB1-interacting protein, TNIP2 {ECO:0000312|EMBL:EAW82514.1}

Target/Specificity

Synthetic peptides of human ABIN-2. It cross-reacts with mouse ABIN-2.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

TNIP2 / ABIN-2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TNIP2 / ABIN-2 Antibody - Protein Information**Name** TNIP2 {ECO:0000312|EMBL:EAW82514.1}**Function**

Inhibits NF-kappa-B activation by blocking the interaction of RIPK1 with its downstream effector NEMO/IKBKG. Forms a ternary complex with NFKB1 and MAP3K8 but appears to function upstream of MAP3K8 in the TLR4 signaling pathway that regulates MAP3K8 activation. Involved in activation of the MEK/ERK signaling pathway during innate immune response; this function seems to be stimulus- and cell type specific. Required for stability of MAP3K8. Involved in regulation of apoptosis in endothelial cells; promotes TEK agonist-stimulated endothelial survival. May act as transcriptional coactivator when translocated to the nucleus. Enhances CHUK-mediated NF-kappa-B activation involving NF- kappa-B p50-p65 and p50-c-Rel complexes.

Cellular Location

Cytoplasm. Nucleus

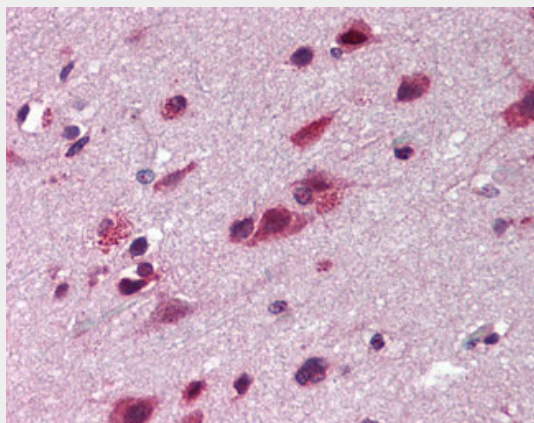
Tissue Location

Ubiquitously expressed in all tissues examined.

TNIP2 / ABIN-2 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNIP2 / ABIN-2 Antibody - Images

Anti-TNIP2 antibody IHC of human brain cortex.

TNIP2 / ABIN-2 Antibody - Background

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TNIP2 / ABIN-2 Antibody - References

Van Huffel S.C.,et al.J. Biol. Chem. 276:30216-30223(2001).
Liu W.-K.,et al.J. Biomed. Sci. 10:242-252(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 434:724-731(2005).