

Anti-TNIP2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Horse)
Molecular Weight:	Theoretical: 49 kDa. Actual: 49 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-TNIP2 Polyclonal Antibody, Unconjugated (TMAB-13648) 1: 200, overnight at 4° C, followed by conjugation to the secondary antibody and DAB staining</p> <p>2. Sample: A431 Cell (Human) Lysate at 40 µg Primary: Anti-TNIP2 (TMAB-13648) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG at 1/5000 dilution Predicted band size: 49 kD Observed band size: 49 kD</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human TNIP2/ABIN2/TNFAIP3 interacting protein 2
Antigen Species:	Human
Gene ID:	79155
Uniprot ID:	Q8NFZ5

Research Background

The human TNIP2 (also known as ABIN-2), which is related to proteins ABIN-1 and ABIN-3, was originally identified as an A20-associating cytosolic protein that block nuclear factor kappaB (NF-κB) activation. NF-κB plays a central role in the regulation of genes implicated in immune responses, inflammatory processes, and apoptotic cell death and the zinc finger protein A20 is a potent inhibitor of NF-κB activity with a key role in limiting the extent and duration of inflammatory activation. It was also reported that ABIN-2 has the potential to enter the nucleus and plays a role in mediating transcriptional activation in both yeast and mammalian cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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