

Anti-WIPF2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Pig)
Molecular Weight:	Theoretical: 46 kDa. Actual: 46 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Paraformaldehyde-fixed, paraffin embedded (rat bain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (WIPF2) Polyclonal Antibody, Unconjugated (TMAB-14175) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining 2. Sample: A549 Cell (Human) Lysate at 30 µg Primary: Anti-WIPF2 (TMAB-14175) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 46 kD
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 WIPF2
Antigen Species:	Human
Gene ID:	147179
Uniprot ID:	Q8TF74

Research Background

WIRE, also known as WIPF2 (WAS/WASL interacting protein family, member 2) or WICH, is a 440 amino acid protein that localizes to both the cytoplasm and the cytoskeleton and contains one WH2 domain. Expressed ubiquitously with highest expression in colon, brain, lung and stomach, WIRE functions as an N-WASP-interacting protein that plays an important role in the organization and mobilization of the Actin cytoskeleton. Additionally, WIRE is involved in the formation of cell surface protrusions and may also provide a link between the cytoskeletal machinery and PDGF-B receptors. Multiple alternatively spliced isoforms of WIRE exist and are encoded by a gene that maps to human chromosome 17.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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