

Anti-IRAK1BP1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat,Rabbit)
Molecular Weight:	Theoretical: 29 kDa. Actual: 29-33 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Tissue/cell: human lung carcinoma; 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-IRAK1BP1 Polyclonal Antibody, Unconjugated (TMAB-07788) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	2. Protein: MCF-7 (human) lysates at 40 µg; Primary: Rabbit Anti-IRAK1BP1 (TMAB-07788) at 1:300; Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG (H+L) at 1: 10000; Predicted band size: 29 kD Observed band size:33 kD
	3. Sample: Brain (Mouse) Lysate at 40 µg Primary: Anti-IRAK1BP1 (TMAB-07788) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 29 kD Observed band size: 29 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 IRAK1BP1
Antigen Species:	Human
Gene ID:	134728
Uniprot ID:	Q5VVH5

Research Background

IRAK1BP1 is a component of the IRAK1 dependent TNFRSF1A signaling pathway that leads to NF-kappa-B activation and is required for cell survival. It acts by enhancing RELA transcriptional activity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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