

Anti-DAL1/EPB41L3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 120 kDa. Actual: 120 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (DAL1 (EPB41L3)) Polyclonal Antibody, Unconjugated (TMAB-04971) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>2. Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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 (DAL1 (EPB41L3)) Polyclonal Antibody, Unconjugated (TMAB-04971) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>3. Sample: Lane 1: Human HUVEC cell lysates Lane 2: Human U-2 OS cell lysates Primary: Anti-DAL1/EPB41L3 (TMAB-04971) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 120 kDa Observed band size: 120 kDa</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 DAL1/EPB41L3
Antigen Species: Human
Gene ID: 23136
Uniprot ID: Q9Y2J2

Research Background

EPB41L3 is an actin-binding protein originally identified as a molecule whose expression is down-regulated in lung adenocarcinoma. EPB41L3 is a member of the protein 4.1 superfamily, which encompasses structural proteins that play important roles in membrane processes via interactions with actin, spectrin, and the cytoplasmic domains of integral membrane proteins. The gene for EPB41L3 is thought to function as a tumor suppressor and localizes within chromosomal region 18p11.3, which is affected by loss of heterozygosity (LOH) in various adult tumors.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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