

Anti-Frizzled 10/CD350 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Dog,Pig,Cow,Sheep)
Molecular Weight:	Theoretical: 68 kDa. Actual: 68 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	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-Frizzled 10/CD350 Polyclonal Antibody, Unconjugated (TMAB-06166) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	2. Tissue/cell: mouse placenta 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-Frizzled 10/CD350 Polyclonal Antibody, Unconjugated (TMAB-06166) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	3. Protein: embryo (mouse) lysates at 30 µg; colon carcinoma (human) lysates at 30 µg; Primary: Anti-Frizzled 10/CD350 (TMAB-06166) at 1: 200; Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1: 3000; ECL excited the fluorescence; Predicted band size: 68 kD Observed band size: 68 kD
	4. 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-Frizzled 10/CD350 Polyclonal Antibody, Unconjugated (TMAB-06166) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
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 Frizzled 10/CD350

Antigen Species: Human

Gene ID: 11211

Uniprot ID: Q9ULW2

Research Background

The frizzled gene, originally identified in *Drosophila melanogaster*, is involved in the development of tissue polarity. The mammalian homolog of frizzled as well as several secreted mammalian frizzled-related proteins (FRPs) have been described. The frizzled proteins contain seven transmembrane domains, a cysteine-rich domain in the extracellular region and a carboxy terminal Ser/Thr-xxx-Val motif. They function as receptors for Wnt and are generally coupled to G proteins. Upregulation of frizzled-10 mRNA in human cells may lead to carcinogenesis through Wnt- Beta-catenin-TCF signaling pathway activation. Frizzled-10 has been found to be upregulated in HeLa S3, NT2, TMK1 and MKN74 cancer cell lines as well as in colorectal and breast cancer.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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