

Anti-GPR92 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Rabbit)
Molecular Weight:	Theoretical: 41 kDa. Actual: 46 kDa.
Purification:	Protein A purified

Applications

1. Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), 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-GPR92 Polyclonal Antibody, Unconjugated (TMAB-00802) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.

2. Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), 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;

Verified Activity: Incubation: Anti-GPR92 Polyclonal Antibody, Unconjugated (TMAB-00802) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.

3. Sample:

Lane 1: Mouse Cerebrum tissue lysates

Lane 2: Rat Cerebrum tissue lysates

Lane 3: Human K562 cell lysates

Lane 4: Human A431 cell lysates

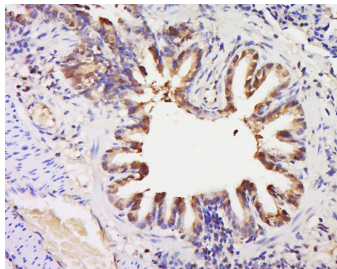
Lane 5: Human Jurkat cell lysates

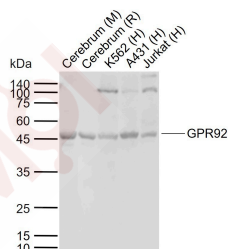
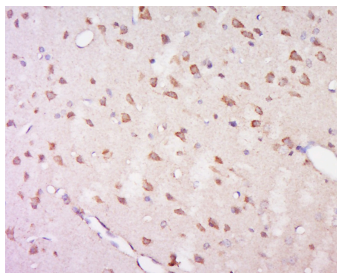
Primary: Anti-GPR92 (TMAB-00802) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 41 kDa

Observed band size: 46 kDa





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: 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 GPR92

Antigen Species: Human

Gene ID: 57121

Uniprot ID: Q9H1C0

Synonyms: G-protein coupled receptor 93;G-protein coupled receptor 92;GPR92;GPCR 92;LPAR5;LPA5;GPR93;Lysophosphatidic acid receptor 5;LPA receptor 5;LPA-5;KPG_010;GPCR GPR92

Biology Area: GPCR

Research Background

This gene encodes a member of the rhodopsin class of G protein-coupled transmembrane receptors. This protein transmits extracellular signals from lysophosphatidic acid to cells through heterotrimeric G proteins and mediates numerous cellular processes. Many G protein receptors serve as targets for pharmaceutical drugs. Transcript variants of this gene have been described.[provided by RefSeq, Dec 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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