

Anti-PDGF-BB Polyclonal Antibody 2

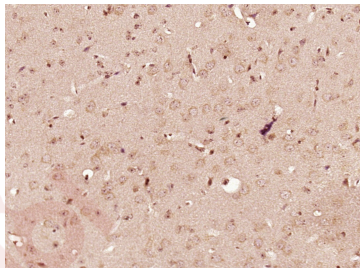
Product Details

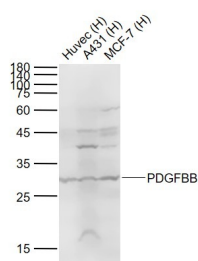
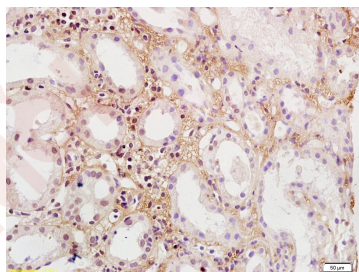
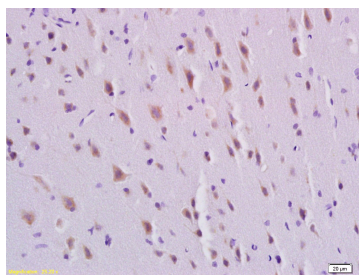
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 12 kDa. Actual: 30 kDa.
Purification:	Protein A purified

Applications

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 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (PDGFBB) Polyclonal Antibody, Unconjugated (TMAB-01353) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 min 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;
Incubation: Anti-PDGF-BB Polyclonal Antibody, Unconjugated (TMAB-01353) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.
3. Tissue/cell: rat kidney 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-PDGF-BB Polyclonal Antibody, Unconjugated (TMAB-01353) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.
4. Sample:
Lane 1: Huvec (Human) Cell Lysate at 30 µg
Lane 2: A431 (Human) Cell Lysate at 30 µg
Lane 3: MCF-7 (Human) Cell Lysate at 30 µg
Primary:
Anti-PDGFBB (TMAB-01353) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 27/22/14 kDa
Observed band size: 30 kDa

Verified Activity:





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 PDGF-B

Antigen Species: Human

Gene ID: 5155

Uniprot ID: P01127

Synonyms: PDGFBB;PDGF-BB

Biology Area: Response to hypoxia,PDGF,Inflammatory mediators,Serum Proteins,Angiogenesis and vasculogenesis,Hypoxia,Heart disease,PDGF

Research Background

Platelet-derived growth factor is a potent mitogen for cells of mesenchymal origin. Binding of this growth factor to its affinity receptor elicits a variety of cellular responses. It is released by platelets upon wounding and plays an important role in stimulating adjacent cells to grow and thereby heal the wound. [SUBUNIT] Antiparallel disulfide-linked dimer of nonidentical (A and B) chains. Homodimers of A and B chains are implicated in transformation processes. A-A and B-B, as well as A-B, dimers can bind to the PDGF receptor. Belongs to the PDGF/VEGF growth factor family.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481