

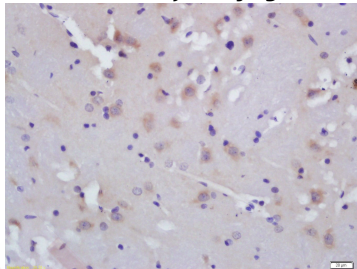
Anti-ALOX5AP Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 18 kDa.
Purification:	Protein A purified

Applications

Verified Activity: 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-ALOX5AP Polyclonal Antibody, Unconjugated (TMAB-00102) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining



Application:	IF,IHC-Fr,IHC-P
Recommended	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 ALOX5AP
Antigen Species:	Human
Gene ID:	241
Uniprot ID:	P20292
Synonyms:	ALOX5 AP;Arachidonate 5-lipoxygenase-activating protein;ALOX 5AP;Arachidonate 5 lipoxygenase activating protein;MK-886-binding protein;Five lipoxygenase activating protein; AL5AP;FLAP;5-lipoxygenase activating protein
Biology Area:	Inflammatory mediators,Allergens,Macrophage / Inflamm.,Lipid Messengers

Research Background

Required for leukotriene biosynthesis by ALOX5 (5-lipoxygenase). Anchors ALOX5 to the membrane. Binds arachidonic acid, and could play an essential role in the transfer of arachidonic acid to ALOX5. Binds to MK-886, a

compound that blocks the biosynthesis of leukotrienes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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