

Anti-PIEZO1 Polyclonal Antibody

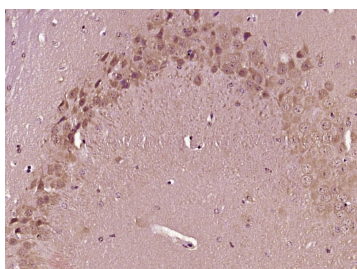
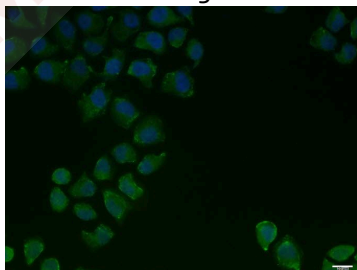
Product Details

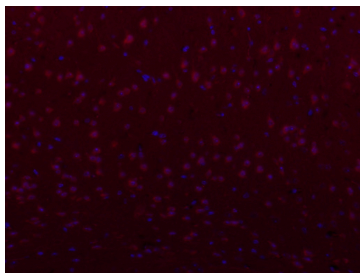
Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Dog, Cow, Sheep)
Molecular Weight:	Theoretical: 287 kDa.
Purification:	Protein A purified

Applications

Verified Activity:

1. HeLa cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (PIEZO1) polyclonal Antibody, Unconjugated (TMAB-01536) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nucleus.
2. 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 (FAM38A) Polyclonal Antibody, Unconjugated (TMAB-01536) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
3. 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 (FAM38A) Polyclonal Antibody, Unconjugated (TMAB-01536) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody for 90 minutes, and DAPI for nucleus staining.





Application: ICC/IF,IF,IHC-Fr,IHC-P

Recommended ICC/IF=1:100-500; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=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 FAM38A

Antigen Species: Human

Gene ID: 9780

Uniprot ID: Q92508

Synonyms: PIEZO1; KIAA0233; FAM38A; Protein FAM38A; Piezo-type mechanosensitive ion channel component 1; Membrane protein induced by beta-amyloid treatment (Mib)

Biology Area: ER

Research Background

The protein encoded by this gene is a mechanically-activated ion channel that links mechanical forces to biological signals. The encoded protein contains 36 transmembrane domains and functions as a homotetramer. Defects in this gene have been associated with dehydrated hereditary stomatocytosis. [provided by RefSeq, Jul 2015]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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