

Anti-ADAM23 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 75-95 kDa. Actual: 95 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>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 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (ADAM23) Polyclonal Antibody, Unconjugated (TMAB-02290) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.</p> <p>2. Blank control: U87MG. Primary Antibody (green line): Rabbit Anti-ADAM23 antibody (TMAB-02290) Dilution: 1 µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE Dilution: 1 µg /test. The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.</p> <p>3. Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Rat Cerebrum tissue lysates Primary: Anti-ADAM23 (TMAB-02290) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 75-95 kDa Observed band size: 95 kDa</p>
Application:	WB,IHC-P,IHC-Fr,IF,FCM
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 0.2µg/Test

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 ADAM23
Antigen Species: Human
Gene ID: 8745
Uniprot ID: O75077

Research Background

ADAM23 is a non-catalytic metalloprotease-like protein. It is highly expressed in the brain, primarily in the amygdala, caudate nucleus, hypothalamus, thalamus, cerebral cortex and occipital pole, and weakly expressed in the heart. 3 isoforms are produced by alternative splicing, alpha, beta and gamma. ADAM23 may play a role in cell-cell and cell-matrix interactions.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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