

Myosin XVI Polyclonal Antibody

Catalog No: YT2951

Reactivity: Human; Rat; Mouse;

Applications: WB;ELISA;IHC

Target: Myosin XVI

Gene Name: MYO16

Protein Name: Unconventional myosin-XVI

Human Gene ld: 23026

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: Synthesized peptide derived from Myosin XVI. at AA range: 1050-1130

Specificity: Myosin XVI Polyclonal Antibody detects endogenous levels of Myosin XVI

protein.

Q9Y6X6

Q5DU14

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 200kD

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Background:

function:Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. May be involved in targeting of the catalytic subunit of protein phosphatase 1 during brain development.,similarity:Contains 1 IQ domain.,similarity:Contains 2 myosin head-like domains.,similarity:Contains 7 ANK repeats.,subcellular location:Found in puncta in soma and processes of astrocytes and dissociated cerebellar cells with the morphology of migrating granule cells.,subunit:Binds PPP1CA and/or PPP1CC. Binds F-actin in an ATP-sensitive manner.,

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Cytoplasm . Found in puncta in soma and processes of astrocytes and dissociated cerebellar cells with the morphology of migrating granule cells. .

Expression: Amygdala, Brain,

Sort: 10513

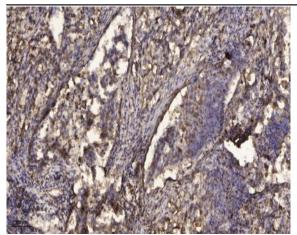
No4: 1

Host: Rabbit

Modifications: Unmodified

Products Images

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Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).