Recombinant Caspr Monoclonal Antibody

catalog number: **AN301737L**

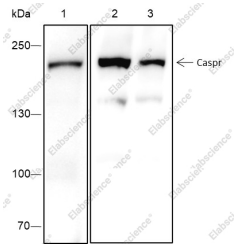
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Caspr fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111359
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50-1:100
IF	1:50

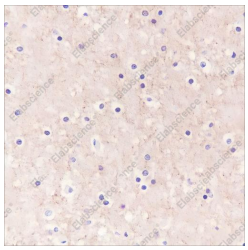
Data



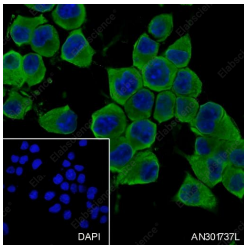
Western Blot with Caspr Monoclonal Antibody at dilution of 1:5000. Lane 1: U87-MG, Lane 2: Mouse brain, Lane 3: Rat brain

Observed-MW:175 kDa

Calculated-MW:156 kDa



Immunohistochemistry of paraffin-embedded Human cerebrum using Caspr Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed Neuro-2a cells using anti-Caspr Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Caspr1 is required, with CNTNAP2, for radial and longitudinal organization of myelinated axons. Plays a role in the formation of functional distinct domains critical for saltatory conduction of nerve impulses in myelinated nerve fibers.