

Datasheet for ABIN1449948
anti-CASK antibody (N-Term)



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1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 0.1 mg |
| Target: | CASK |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CASK antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA) |

Product Details

| | |
|-----------------------------|---|
| Immunogen: | 16 amino acid synthetic peptide near the amino terminus of Human CASK |
| Isotype: | IgG |
| Cross-Reactivity (Details): | Species reactivity (tested): Human, Mouse, Rat. |
| Purification: | Affinity chromatography purified via peptide column |

Target Details

| | |
|-------------------|---|
| Target: | CASK |
| Alternative Name: | CASK (CASK Products) |
| Background: | CASK (Calcium/calmodulin-dependent serine protein kinase), a conserved multi-domain scaffolding protein, belongs to a MAGUK (membrane-associated guanylate kinase homologs) |

Target Details

subfamily and is involved in cell junction organization, tumor suppression and signaling. It is characterized by a novel domain structure that consists of a calcium/calmodulin-dependent protein kinase domain followed by PDZ, SH3 and guanylate kinase-like (GUK) domains. CASK is ubiquitously expressed and significantly greater in brain where it is thought to be involved in signaling at neuronal synapses. CASK interacts with CASKINs and defects in CASK are the cause of mental retardation X-linked CASK-related.Synonyms: Calcium/calmodulin-dependent serine protein kinase, LIN2, Lin-2 homolog, Peripheral plasma membrane protein CASK

Gene ID: 8573

NCBI Accession: [NP_003679](#)

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

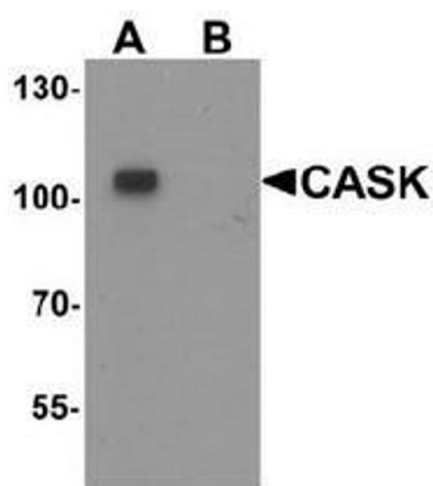
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of CASK in mouse brain tissue lysate with CASK antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.