

Datasheet for ABIN371873
anti-HOMER1 antibody (N-Term)

2 Images

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Overview

Quantity:	0.1 mL
Target:	HOMER1
Binding Specificity:	AA 1-354, N-Term
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HOMER1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human Homer1 (1-354 aa) purified from E. coli
Clone:	AT1F3
Isotype:	IgG2b
Specificity:	The antibody recognizes human and mouse Homer1. Other species not tested.
Characteristics:	Synonyms: SYN47, HOMER-1, HOMER 1, Homer protein homolog 1
Purification:	Protein-G affinity chromatography

Target Details

Target:	HOMER1
Alternative Name:	HOMER1 (HOMER1 Products)

Target Details

Background: Homer1 (Homer protein homolog 1) belongs to Homer family of proteins that regulate signal transduction through, and the trafficking of, glutamate receptors, as well as maintain and regulate extracellular glutamate levels in corticolimbic brain regions. The Homer1 is enriched at excitatory synapses and binds group 1 metabotropic glutamate receptors (mGluRs). Synonyms: HOMER 1, HOMER-1, Homer protein homolog 1, SYN47

Gene ID: 9456

UniProt: [Q86YM7](#)

Pathways: [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: ELISA. Westernblot (1: 1,000 - 1: 2,000).
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

Buffer: PBS, pH 7.4, containing 0.09 % sodium azide

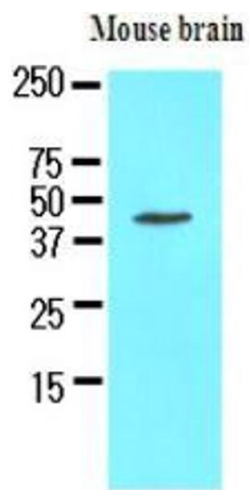
Preservative: Sodium azide

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

Storage: 4 °C/-20 °C

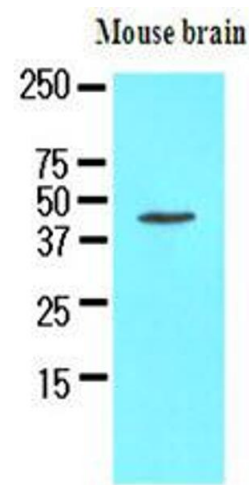
Storage Comment: Store the antibody undiluted at 2-8 °C for up to two weeks or (in aliquots) at -20 °C or -70 °C for longer. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Expiry Date: 12 months



Western Blotting

Image 1.



Western Blotting

Image 2.