

Anti-Homer 1 Antibody (6H911)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	6H911
Purification:	Affinity-chromatography

Applications

Verified Activity:	Western blot analysis of Homer1 expression in HepG2 cell lysate.
Application:	IHC,IP,WB
Recommended	IHC: 1:100-1:200; IP: 1:20-1:50; WB: 1:1000-1:2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Homer 1
Synonyms:	HOMER 1B;HOMER 1C;HOMER1C;Homer;Homer1;homer homolog 1;HOMER 1A;HOMER1A; SYN47;HOMER1B

Research Background

Postsynaptic density scaffolding protein. Binds and cross-links cytoplasmic regions of GRM1, GRM5, ITPR1, DNM3, RYR1, RYR2, SHANK1 and SHANK3. By physically linking GRM1 and GRM5 with ER-associated ITPR1 receptors, it aids the coupling of surface receptors to intracellular calcium release. May also couple GRM1 to PI3 kinase through its interaction with AGAP2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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