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Datasheet for ABIN7155886
anti-HOMER3 antibody (AA 151-361) (Biotin)

Overview

Quantity:	100 µg
Target:	HOMER3
Binding Specificity:	AA 151-361
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOMER3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Homer protein homolog 3 protein (151-361AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HOMER3
Alternative Name:	HOMER3 (HOMER3 Products)
Background:	Background: Postsynaptic density scaffolding protein. Binds and cross-links cytoplasmic regions of GRM1, GRM5, ITPR1, DNM3, RYR1, RYR2, SHANK1 and SHANK3. By physically

Target Details

linking GRM1 and GRM5 with ER-associated ITPR1 receptors, it aids the coupling of surface receptors to intracellular calcium release. Isoforms can be differently regulated and may play an important role in maintaining the plasticity at glutamatergic synapses.

Aliases: HOME3_HUMAN antibody, HOMER 3 antibody, Homer 3D protein antibody, Homer homolog 3 (Drosophila) antibody, Homer neuronal immediate early gene 3 antibody, Homer protein homolog 3 antibody, Homer-3 antibody, Homer3 antibody, VESL3 antibody

UniProt: [Q9NSC5](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.