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Datasheet for ABIN901071

# anti-HOMER2 antibody (AA 301-354) (AbBy Fluor® 350)

Go to Product page

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Quantity:	100 μL	
Target:	HOMER2	
Binding Specificity:	AA 301-354	
Reactivity:	Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This HOMER2 antibody is conjugated to AbBy Fluor® 350	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human HOMER2	
Isotype:	IgG	
Cross-Reactivity:	Rat	
Predicted Reactivity:	Human,Mouse,Cow,Pig,Rabbit	
Purification:	Purified by Protein A.	

## **Target Details**

Target:	HOMER2
Alternative Name:	HOMER2 (HOMER2 Products)

## Target Details

Background:	Synonyms: Cupidin, HOME2_HUMAN, HOMER 2, HOMER 2A, HOMER 2B, Homer homolog 2		
	Drosophila, Homer homolog 3, Homer neuronal immediate early gene 2, Homer protein		
	homolog 2, Homer-2, Homer2, HOMER2A, HOMER2B, Vesl 2, Vesl2.		
	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. Isoforms can be differently regulated and may play an important role in		
	maintaining the plasticity at glutamatergic synapses.		
Gene ID:	9455		
UniProt:	Q9NSB8		
Pathways:	Synaptic Membrane, Regulation of G-Protein Coupled Receptor Protein Signaling		
Application Details			
Application Notes:	IF(IHC-P) 1:50-200		
	IF(IHC-F) 1:50-200		
	IF(ICC) 1:50-200		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 μg/μL		
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and		
	50 % Glycerol.		
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		
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.		
Expiry Date:	12 months		