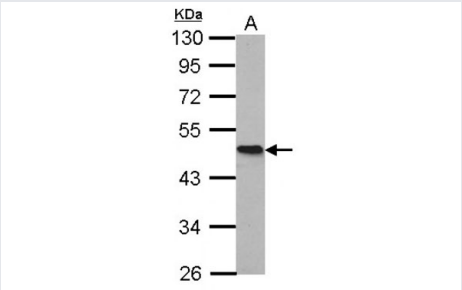
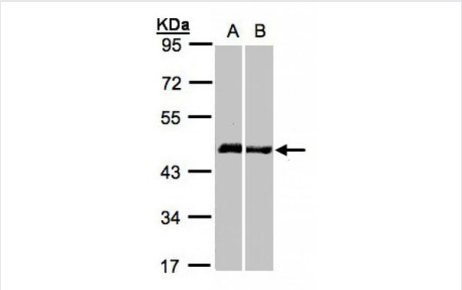
homer Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

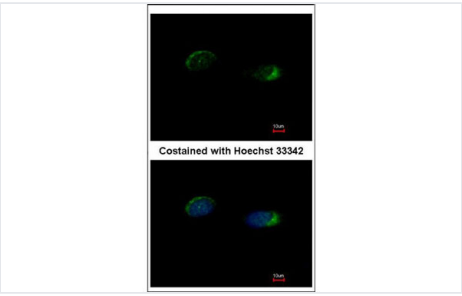
Product Name	Homer, Polyclonal Antibody
Full Product Name	Homer antibody
Product Gene Name	anti-homer antibody
Product Synonym Names	Polyclonal Homer; Anti-Homer; HOMER1C; HOMER1B; HOMER; HOMER1; Ves-1; HOMER1A; SYN47; homer protein homolog 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Supplied as a concentrated soloution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Purity/Purification	Homer antibody was purified by antigen-affinity chromatography
Concentration	1 mg/ml (lot specific)
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.
Molecular Weight	40 kDa
3D Structure	ModBase 3D Structure for O96607
Cross-Reactivity	Human, Mouse
Immunogen	Homer antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 72 and 339 of Homer
Product Categories/Family for anti-homer antibody	Signal Transduction; Purified Polyclonal Antibodies
Applications Tested/Suitable for anti-homer antibody	Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Paraffin, Western Blot (WB)
Application Notes for anti-homer antibody	IF:1:100-1:500 IHC-P: 1:100-1:500 ICC:1:100-1:500 WB: 1:1000-1:20000
Related Product Information for anti-homer antibody	MBS837602 is an antibody targeting homer. Also known as Homer antibody. Host: Rabbit. Affinity purified Rabbit polyclonal Homer antibody
Other Notes	Small volumes of anti-homer antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



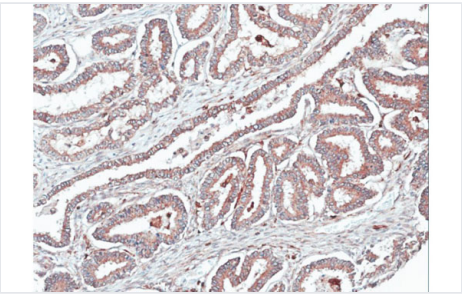
Western Blot (WB) of anti-homer antibody
Western blot analysis of 20 ug of whole cell lysate (A: mouse brain) using a 10 % SDS PAGE gel and Homer antibody at a dilution of 1:20000



Western Blot (WB) of anti-homer antibody
Western blot analysis of 30 ug whole cell lysate (A:H1299; B:Hep G2) using a 10 % SDS PAGE gel and Homer antibody at a dilution of 1:1000



Immunofluorescence (IF) of anti-homer antibody
Immunofluorescence analysis of methanol-fixed HeLa, using Homer antibody at 1:500 dilution.



Immunohistochemistry (IHC) of anti-homer antibody
Immunohistochemical staining of paraffin-embedded OVCA using Homer antibody at a dilution of 1:100

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for homer. It may not necessarily be applicable to this product.

NCBI GI #	442626406
NCBI GeneID	33944
NCBI Accession #	NP_001260152.1
UniProt Primary Accession #	O96607
UniProt Related Accession #	O96607
GenBank Nucleotide #	NM_001273223.1
NCBI Official Full Name	homer, isoform F
NCBI Official Symbol	homer
NCBI Official Synonym Symbols	BEST:LD03829; CG11324; dhom; Dhom; Dhomer; Dm Homer; DmelCG11324; Dvh; Hom; Homer; LD03829
UniProt Protein Name	CG11324-PA, isoform A
UniProt Synonym Protein Names	CG11324-PA, isoform A
Protein Family	Homer protein
UniProt Gene Name	homer
UniProt Entry Name	O96607_DROME
NCBI Protein Information	CG11324 gene product from transcript CG11324-RD
Research Articles on homer	**1.** Genetic deletion of Homer in Drosophila results in fragmented sleep and in failure to sustain long bouts of sleep, even under increased sleep drive.

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