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anti-HOMER1 antibody (AA 101-150)





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Quantity:	100 μL
Target:	HOMER1
Binding Specificity:	AA 101-150
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Horse, Pig, Monkey, Bat, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOMER1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-
	embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa101-150 of human HOMER1 (Q86YM7, NP_004263).
	Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey,
	Galago, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum,
	Platypus, Xenopus (100%), Zebra finch, Chicken (92%).
	Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human HOMER1 / Homer
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Dog, Rabbit, Horse, Pig (100%) Chicken,

Product Details Xenopus (92%). Purification: Immunoaffinity purified **Target Details** HOMER1 Target: Alternative Name: HOMER1 / Homer 1 (HOMER1 Products) Background: Name/Gene ID: HOMER1 Synonyms: HOMER1, HOMER, Homer homolog 1 (Drosophila), Homer protein homolog 1, HOMER1B, SYN47, Ves-1, Homer-1, HOMER-1B, HOMER1A, HOMER1C Gene ID: 9456 NCBI Accession: NP_004263 UniProt: Q86YM7 Pathways: Skeletal Muscle Fiber Development **Application Details**

Application Notes:	Approved: IHC, IHC-P (5 μg/mL), WB (0.02 μg/mL)	
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining	
	specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.	
Comment:	Target Species of Antibody: Human	
Restrictions:	For Research Use only	

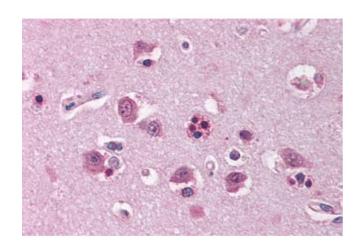
Handling

Format:	Lyophilized
Reconstitution:	After adding water, will consist of PBS buffer with 2 % sucrose
Concentration:	Lot specific

Handling

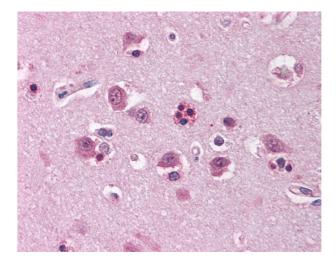
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cortex (formalin-fixed, paraffinembedded) stained with HOMER1 antibody ABIN214115 at 5 ug/ml followed by biotinylated goat anti-rabbit lgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-HOMER1 / Homer antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this pr...