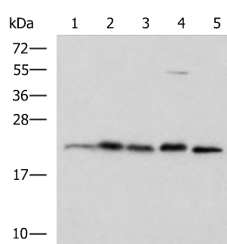


HPCAL1 Polyclonal Antibody

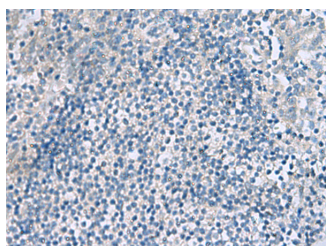
Catalog No.	E-AB-53071	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

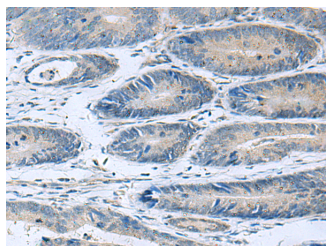
Images



Western blot analysis of A172 HepG2 Hela cell Rat brain tissue and Mouse brain tissue lysates using HPCAL1 Polyclonal Antibody at dilution of 1:1250



Immunohistochemistry of paraffin-embedded Human tonsil tissue using HPCAL1 Polyclonal Antibody at dilution of 1:90(×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using HPCAL1 Polyclonal Antibody at dilution of 1:90(×200)

Immunogen Information

Immunogen	Fusion protein of human HPCAL1
Gene Accession	BC009846
Swissprot	P37235
Synonyms	BDR1,HLP2,HPCAL1,HPCAL1 protein,HPCL1,REM-1,VILIP-3,Visinin like protein 3

Product Information

Calculated MW	22 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:1000-1:5000, IHC 1:50-1:200, ELISA 1:5000-1:10000

Background

The protein encoded by this gene is a member of neuron-specific calcium-binding proteins family found in the retina and brain. It is highly similar to human hippocalcin protein and nearly identical to the rat and mouse hippocalcin like-1 proteins. It may be involved in the calcium-dependent regulation of rhodopsin phosphorylation and may be of relevance for neuronal signalling in the central nervous system. Several alternatively spliced transcript variants encoding the same protein have been found for this gene.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.