

HPCAL1 Polyclonal Antibody

catalog number: E-AB-53071

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

Description

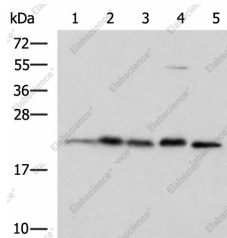
Reactivity	Human;Mouse;Rat
Immunogen	Fusion protein of human HPCAL1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

WB	1:1000-1:5000
IHC	1:50-1:200

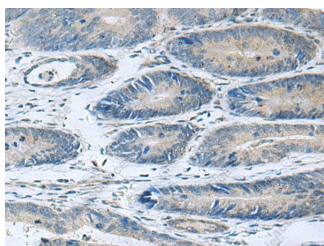
Data



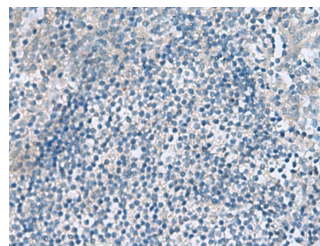
Western blot analysis of A172 HepG2 Hela cell Rat brain tissue and Mouse brain tissue lysates using HPCAL1 Polyclonal Antibody at dilution of 1:1250

Observed-MW: Refer to figures

Calculated-MW: 22 kDa



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



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Email: techsupport@elabscience.com

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Rev. V1.8

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.