

Datasheet for ABIN2775949
anti-HPCAL1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	HPCAL1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Sheep, Rabbit, Guinea Pig, Dog, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HPCAL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Hpcal1
Sequence:	DESTPEKRTD KIFRQMDTNN DGKLSLEEFI KGAKSDPSIV RLLQCDPSSA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 93%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against Hpcal1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	HPCAL1
Alternative Name:	Hpcal1 (HPCAL1 Products)

Target Details

Background: Hpcal1 may be involved in the calcium-dependent regulation of rhodopsin phosphorylation.
Alias Symbols: NVP-3, Nvp3, VILIP3, VnsI3, VsnI3
Protein Interaction Partner: Kcnma1, Cyb5a, Nphp4,
Protein Size: 193

Molecular Weight: 22 kDa

Gene ID: 53602

NCBI Accession: [NM_016677](#), [NP_057886](#)

UniProt: [P62748](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 193 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Western Blotting

Image 1. WB Suggested Anti-Hpca1 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Stomach

