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Datasheet for ABIN7267654
anti-HPCAL4 antibody (AA 1-191)

1 Image

Overview

Quantity:	100 µL
Target:	HPCAL4
Binding Specificity:	AA 1-191
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HPCAL4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	HPCAL4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-191 of human HPCAL4 (NP_057341.1).
Sequence:	MGKTNSKLAP EVLEDLVQNT EFSEQELKQW YKGFLKDCPS GILNLEEFQQ LYIKFFPYGD ASKFAQHAFR TFDKNGDGTI DFREFICALS VTSRGSFEQK LNWAFEMYDL DGDGRITRLE MLEIIEAIYK MVGTVIMMRM NQDGLTPQQR VDKIFKMDQ DKDDQITLEE FKEAAKSDPS IVLLLQCDMQ K
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: HPCAL4

Alternative Name: HPCAL4 ([HPCAL4 Products](#))

Background: The protein encoded by this gene is highly similar to human hippocalcin protein and hippocalcin like-1 protein. It also has similarity to rat neural visinin-like Ca²⁺-binding protein-type 1 and 2 proteins. This encoded protein may be involved in the calcium-dependent regulation of rhodopsin phosphorylation. The transcript of this gene has multiple polyadenylation sites. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.,HPCAL4,HLP4,Signal Transduction,Neuroscience,Calcium Signaling,HPCAL4

Molecular Weight: 22kDa

Gene ID: 51440

UniProt: [Q9UM19](#)

Application Details

Application Notes: WB,1:200 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

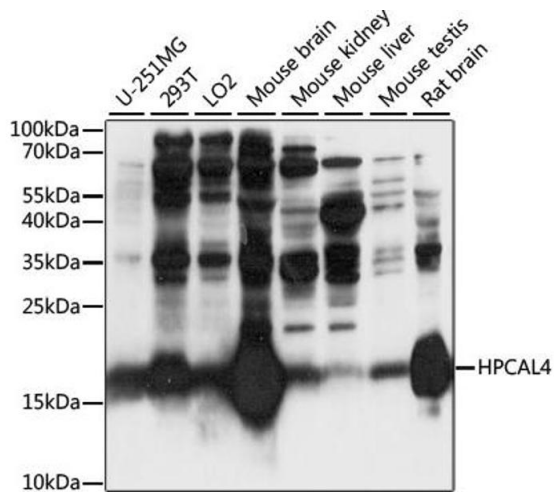
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using HPC antibody (ABIN7267654) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.