



Mouse anti-Human HPCAL4 monoclonal antibody, clone 3C22 (CABT-B10425)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	HPCAL4 (AAH30827, 1 a.a. ~ 192 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3C22
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MGKTSKLAPEVLEDLVQNTEFSEQELQWYKGFLKDCPSGILNLEEFQQLYIKFFPYGD ASKFAQHAFRTFDKNGDGTIDFREFICALSVTSRGSFEQKLNWAFEMYDLGDGGRITRLE MLEIIEAIYKMVGTVIMMRMNQDGLTPQQRVDKIFKKMDQDKDDQITLEEFKEAAKSDAS IVLLLQCDMQK*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction 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. [provided by RefSeq, Sep 2013]

Keywords HPCAL4; hippocalcin like 4; HLP4; hippocalcin-like protein 4;

GENE INFORMATION

Entrez Gene ID [51440](#)

UniProt ID [Q9UM19](#)

Function calcium channel regulator activity; calcium ion binding; protein C-terminus binding; protein domain specific binding