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Datasheet for ABIN564877

anti-AKAP13 antibody (AA 1-110)

3 Images

1 Publication

Overview

Quantity:	100 µg
Target:	AKAP13
Binding Specificity:	AA 1-110
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AKAP13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant AKAP13.
Immunogen:	AKAP13 (NP_006729, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MKLNPPQAPL YGDCVVTVLL AEEDKAEDDV VFYLVFLGST LRHCTSTRKV SSDTLETIAP GHDCCE TVKV QLCASKEGLP VFVVAEEDFH FVQDEAYDAA QFLATSAGNQ
Clone:	5B7
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	AKAP13
Alternative Name:	AKAP13 (AKAP13 Products)
Background:	Full Gene Name: A kinase (PRKA) anchor protein 13 Synonyms: AKAP-Lbc, ARHGEF13, BRX, FLJ11952, FLJ43341, HA-3, Ht31, LBC, PROTO-LB, PROTO-LBC, c-lbc
Gene ID:	11214
NCBI Accession:	NM_006738
Pathways:	Neurotrophin Signaling Pathway

Application Details

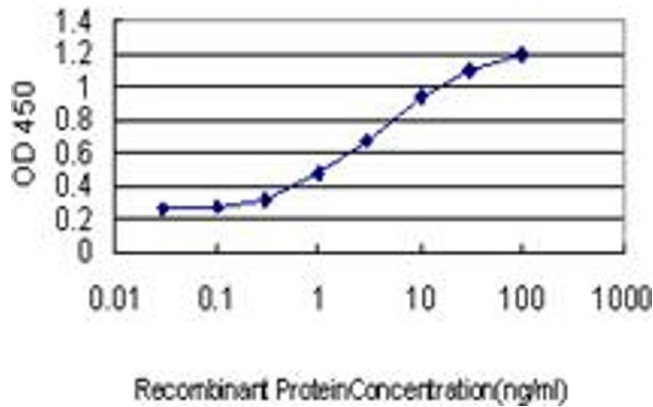
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

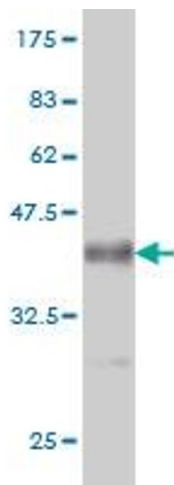
Publications

Product cited in:	Hu, Wang, Li, Yang, Zhang, Chen, Wang, Zhou: "The mRNA and protein expression of A-kinase anchor proteins 13 in human colorectal cancer." in: Clinical and experimental medicine , Vol. 10, Issue 1, pp. 41-9, (2010) (PubMed).
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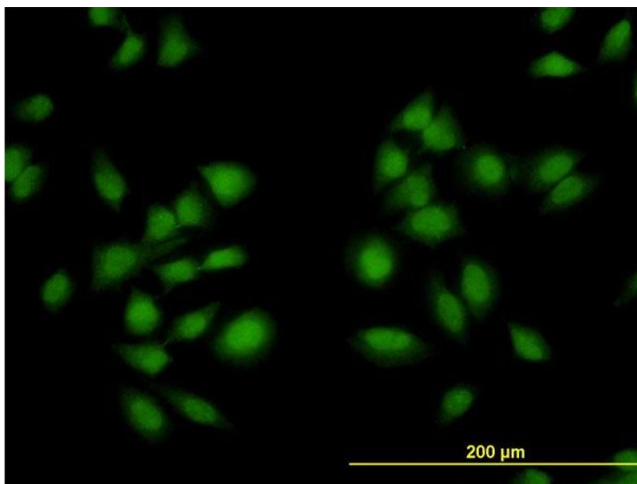
ELISA

Image 1. Detection limit for recombinant GST tagged AKAP13 is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (37.84 KDa) .



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to AKAP13 on HeLa cell. [antibody concentration 10 ug/ml]