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Datasheet for ABIN564142

anti-AKAP12 antibody (AA 1675-1782)

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Overview

Quantity:	100 µg
Target:	AKAP12
Binding Specificity:	AA 1675-1782
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AKAP12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant AKAP12.
Immunogen:	AKAP12 (NP_005091, 1675 a.a. ~ 1782 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	VPEDDGHALL AERIEKSLVE PKEDEKGDDV DDPENQNSAL ADTDASGGLT KESPDTNGPK QKEKEDAQEV ELQEGKVHSE SDKAITPQAQ EELQKQERES AKSELTES
Clone:	1C5
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	AKAP12
Alternative Name:	AKAP12 (AKAP12 Products)
Background:	Full Gene Name: A kinase (PRKA) anchor protein 12 Synonyms: AKAP250,DKFZp686M0430,DKFZp686O0331,FLJ20945,FLJ97621
Gene ID:	9590
NCBI Accession:	NM_005100
Pathways:	cAMP Metabolic Process

Application Details

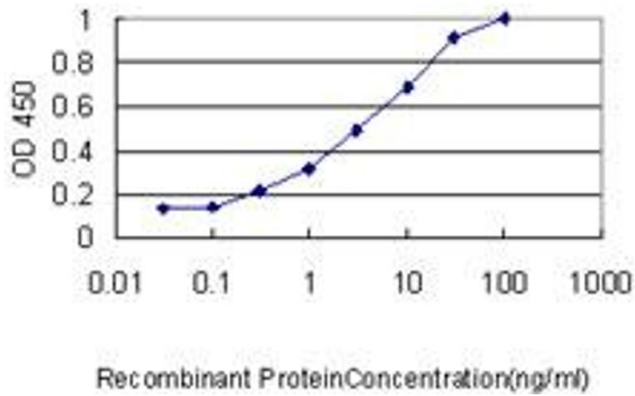
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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.

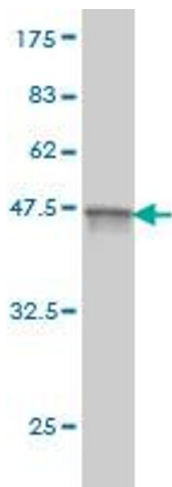
Publications

Product cited in:	Lin, Tan, Lim, Khoo, Lim, Chung: "iTRAQ analysis of colorectal cancer cell lines suggests Drebrin (DBN1) is overexpressed during liver metastasis." in: Proteomics , Vol. 14, Issue 11, pp. 1434-43, (2014) (PubMed).
	Tan, Tan, Lin, Lim, Hew, Chung: "Quantitative and temporal proteome analysis of butyrate-treated colorectal cancer cells." in: Molecular & cellular proteomics : MCP , Vol. 7, Issue 6, pp. 1174-85, (2008) (PubMed).



ELISA

Image 1. Detection limit for recombinant GST tagged AKAP12 is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (37.62 KDa) .