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Datasheet for ABIN559786

anti-ADCYAP1R1 antibody (AA 21-120)

3 Images

Overview

Quantity:	100 µg
Target:	ADCYAP1R1
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ADCYAP1R1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ADCYAP1R1.
Immunogen:	ADCYAP1R1 (NP_001109, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MHSDCIFKKE QAMCLEKIQR ANELMGFNDS SPGCPGMWDN ITCWKPAHVG EMVLVSCPEL FRIFNPDQVW ETETIGESDF GDSNSLDLSD MGVVSRNCTE
Clone:	2B12
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ADCYAP1R1
Alternative Name:	ADCYAP1R1 (ADCYAP1R1 Products)
Background:	Full Gene Name: adenylate cyclase activating polypeptide 1 (pituitary) receptor type I Synonyms: PAC1,PACAPR,PACAPRI
Gene ID:	117
NCBI Accession:	NM_001118
Pathways:	Neurotrophin Signaling Pathway , cAMP Metabolic Process , Regulation of Carbohydrate Metabolic Process

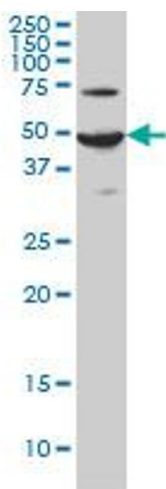
Application Details

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

Handling

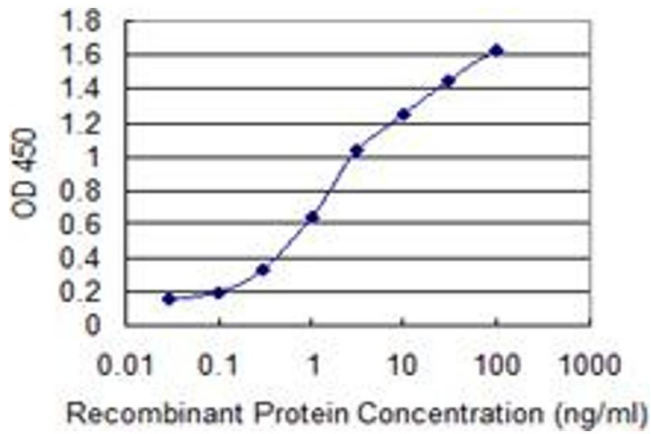
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



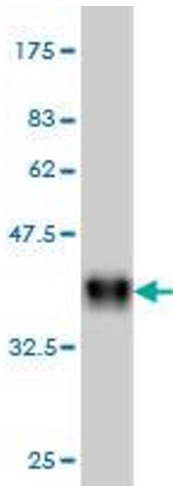
Western Blotting

Image 1. ADCYAP1R1 monoclonal antibody (M01), clone 2B12 Western Blot analysis of ADCYAP1R1 expression in HeLa .



ELISA

Image 2. Detection limit for recombinant GST tagged ADCYAP1R1 is 0.03 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (36.74 kDa).