

Datasheet for ABIN566583
anti-PHACS antibody (AA 1-100)



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Overview

Quantity:	100 µg
Target:	PHACS (ACCS)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PHACS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PHACS.
Immunogen:	PHACS (NP_115981, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MFTLPQKDFR APTTCLGPTC MQDLGSSHGE DLEGECSRKL DQKLPELRGV GDPAMISSDT SYLSSRGRMI KFWWDSAEEG YRTYHMDEYD EDKNPSGIIN
Clone:	1D2
Isotype:	IgG3
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PHACS (ACCS)
Alternative Name:	ACCS (ACCS Products)
Background:	Full Gene Name: 1-aminocyclopropane-1-carboxylate synthase homolog (Arabidopsis)(non-functional) Synonyms: ACS,PHACS
Gene ID:	84680
NCBI Accession:	NM_032592

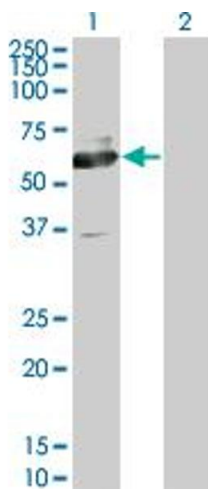
Application Details

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

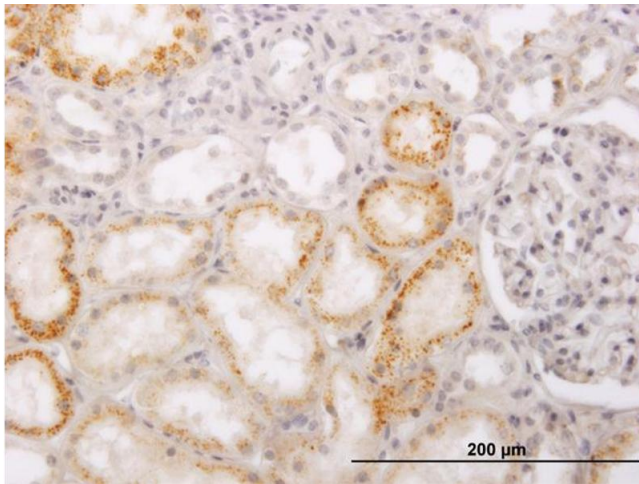


Western Blotting

Image 1. Western Blot analysis of PHACS expression in transfected 293T cell line by PHACS monoclonal antibody (M02), clone 1D2.

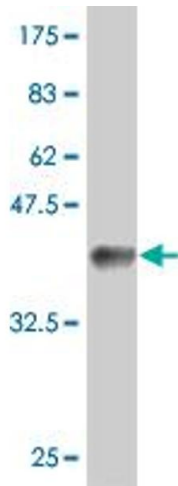
Lane 1: PHACS transfected lysate(57.34 KDa).

Lane 2: Non-transfected lysate.



Immunostaining

Image 2. Immunoperoxidase of monoclonal antibody to PHACS on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Western Blotting

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