



[Go to Product page](#)

Datasheet for ABIN562374

anti-PRKAR1B antibody (AA 1-90)

3 Images

Overview

Quantity:	50 µg
Target:	PRKAR1B
Binding Specificity:	AA 1-90
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PRKAR1B 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 PRKAR1B.
Immunogen:	PRKAR1B (NP_002726, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MASPPACPSE EDESLKGCEL YVQLHGIQV LKDCIVHLCI SKPERPMKFL REHFEEKLEKE ENRQILARQK SNSQSDSHDE EVSPTPPNPV
Clone:	1F8
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PRKAR1B
Alternative Name:	PRKAR1B (PRKAR1B Products)
Background:	Full Gene Name: protein kinase, cAMP-dependent, regulatory, type I, beta Synonyms: PRKAR1
Gene ID:	5575
NCBI Accession:	NM_002735
Pathways:	Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Myometrial Relaxation and Contraction , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma

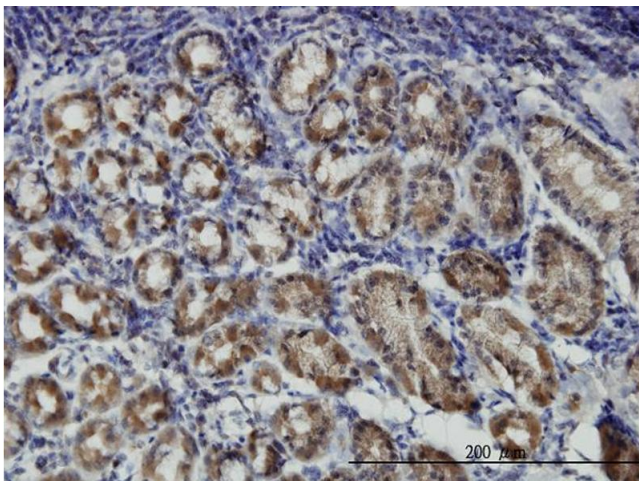
Application Details

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

Handling

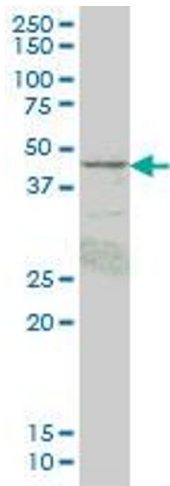
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



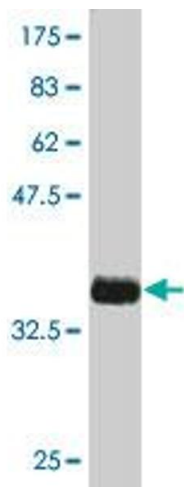
Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to PRKAR1B on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]



Western Blotting

Image 2. PRKAR1B monoclonal antibody (M05), clone 1F8 Western Blot analysis of PRKAR1B expression in HepG2 .



Western Blotting

Image 3. Western Blot detection against Immunogen (36.01 kDa) .