



Datasheet for ABIN564080
anti-PERK antibody (AA 665-764)



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3 Images

Overview

Quantity:	50 µL
Target:	PERK (EIF2AK3)
Binding Specificity:	AA 665-764
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PERK antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant EIF2AK3.
Immunogen:	EIF2AK3 (NP_002437, 665 a.a. ~ 764 a.a) partial recombinant protein with GST tag.
Sequence:	KWQEKMDEIW LKDESTDWPL SSPSPMDAPS VKIRRMDPFS TKEHIEIIAP SPQRSRSFSV GISCDQTSSS ESQFSPLEFS GMDHEDISES VDAAYNLQDS
Cross-Reactivity:	Human, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PERK (EIF2AK3)
Alternative Name:	EIF2AK3 (EIF2AK3 Products)

Target Details

Background:	Full Gene Name: eukaryotic translation initiation factor 2-alpha kinase 3 Synonyms: DKFZp781H1925,HRI,PEK,PERK,WRS
Gene ID:	9451
NCBI Accession:	NM_004836
Pathways:	Hormone Transport , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Hepatitis C , Unfolded Protein Response

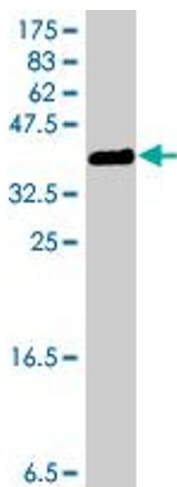
Application Details

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

Handling

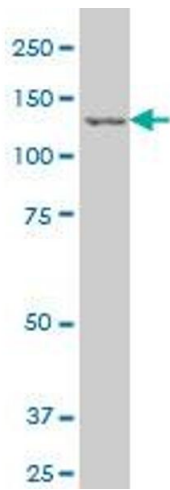
Format:	Liquid
Buffer:	50 % glycerol
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



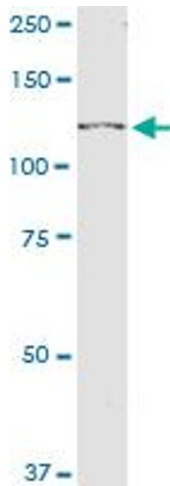
Western Blotting

Image 1. Western Blot detection against Immunogen (37 kDa).



Western Blotting

Image 2. EIF2AK3 polyclonal antibody (A01), Lot # 060525JCS1 Western Blot analysis of EIF2AK3 expression in PC-12



Western Blotting

Image 3. EIF2AK3 polyclonal antibody (A01). Western Blot analysis of EIF2AK3 expression in human pancreas.