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Datasheet for ABIN5585693
anti-PIK3R1 antibody (AA 182-328)

3 Images

Overview

Quantity:	100 µL
Target:	PIK3R1 (PI3K p85a)
Binding Specificity:	AA 182-328
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit polyclonal antibody raised against recombinant human PIK3R1.
Immunogen:	Recombinant protein corresponding to amino acids 182-328 of human PIK3R1.
Sequence:	LADAFKRYLL DLPNPVIPAA VYSEMISLAP EVQSSEEIYQ LLKKLIRSPS IPHQYWLTLQ YLLKHFFKLS QTSSKNLLNA RVLSEIFSPM LFRFSAASSD NTENLIKVIE ILISTEWNER QPAPALPPKP PKPTTVANNG MNNNMSL
Isotype:	IgG
Cross-Reactivity:	Human

Target Details

Target:	PIK3R1 (PI3K p85a)
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Target Details

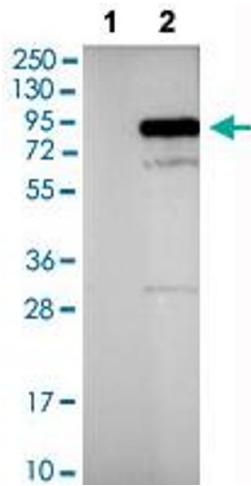
Alternative Name:	PIK3R1 (PI3K p85a Products)
Background:	Full Gene Name: phosphoinositide-3-kinase, regulatory subunit 1 (alpha) Synonyms: GRB1,p85,p85-ALPHA
Gene ID:	5295
Pathways:	TCR Signaling , Response to Growth Hormone Stimulus , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Hepatitis C , Protein targeting to Nucleus , VEGF Signaling , BCR Signaling , Warburg Effect

Application Details

Application Notes:	Immunofluorescence (1-4 µg/mL) Immunohistochemistry (1:50-1:200) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

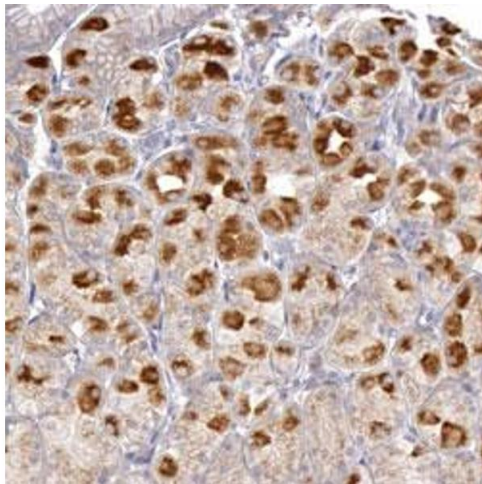
Handling

Format:	Liquid
Buffer:	In PBS, pH 7.2 (40 % glycerol, 0.02 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.



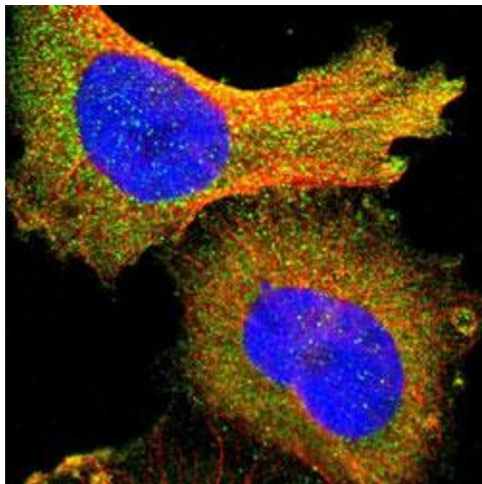
Western Blotting

Image 1. Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with PIK3R1 polyclonal antibody at 1:100 - 1:250 dilution.



Immunohistochemistry

Image 2. Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human stomach tissue with PIK3R1 polyclonal antibody at 1:50 - 1:200 dilution.



Immunofluorescence

Image 3. Immunofluorescence staining of U-251 MG cells with PIK3R1 polyclonal antibody under 1-4 ug/mL working concentration.