Datasheet for ABIN1681335

anti-PGAM1 antibody (AA 1-254)

3 Images

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Overview

Quantity:	100 µg
Target:	PGAM1
Binding Specificity:	AA 1-254
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-254 of human PGAM1 (NP_002620.1).
Sequence:	MAAYKLVLIR HGESAWNLEN RFSGWYDADL SPAGHEEAKR GGQALRDAGY EFDICFTSVQ KRAIRTLWTV LDAIDQMWLP VVRTWRLNER HYGGLTGLNK AETAAKHGEA QVKIWRRSYD VPPPPMEPDH PFYSNISKDR RYADLTEDQL PSCESLKDTI ARALPFWNEE IVPQIKEGKR VLIAAHGNSL RGIVKHLEGL SEEAIMELNL PTGIPIVYEL DKNLKPIKPM QFLGDEETVR KAMEAVAAQG KAKK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

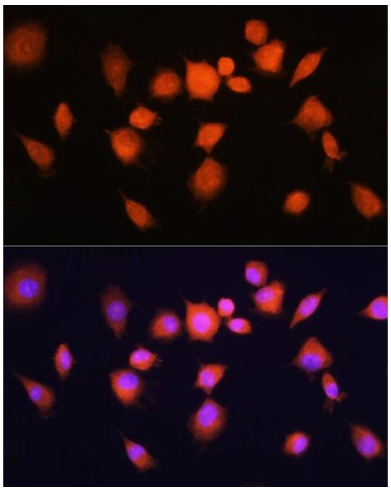
Target:	PGAM1
Alternative Name:	PGAM1 (PGAM1 Products)
Background:	The protein encoded by this gene is a mutase that catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. Two transcript variants encoding different isoforms have been found for this gene.,PGAM1,HEL-S-35,PGAM-B,PGAMA,Cancer,Signal Transduction,Endocrine & Metabolism,Carbohydrate metabolism,PGAM1
Molecular Weight:	28 kDa
Gene ID:	5223
UniProt:	P18669
Pathways:	Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB,1:1000 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

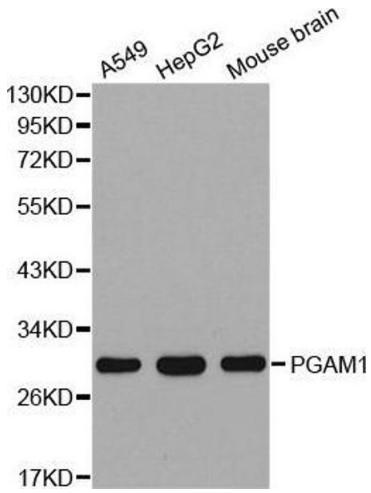
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



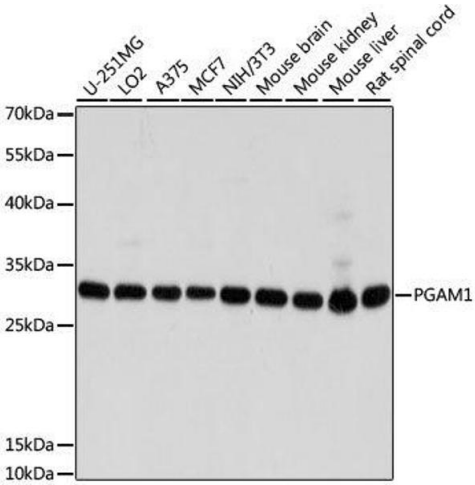
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using PG Rabbit pAb (ABIN1681335, ABIN3018417, ABIN3018418 and ABIN6220464) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PGAM1 antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using PGAM1 antibody.

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