

PERalpha elisa kit

PERalpha (Phospho-Thr981) Colorimetric Cell-Based ELISA Kit

CATALOG # AAA319188	REACTIVITY Human, Mouse, Rat
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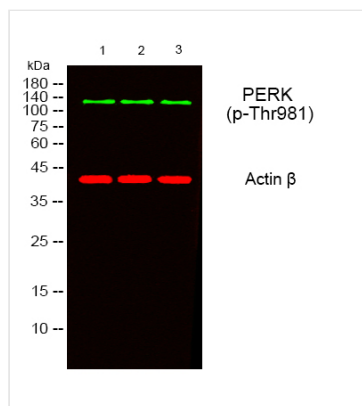
PRODUCT SYNONYMS

PERalpha; PERalpha (Phospho-Thr981) Colorimetric Cell-Based ELISA Kit; PERalpha (Phospho-Thr981) Cell-Based ELISA Kit; EIF2AK3; PEK; PERK; Eukaryotic translation initiation factor 2-alpha kinase 3; PRKR-like endoplasmic reticulum kinase; Pancreatic eIF2-alpha kinase; HsPEK; PERalpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Form/Format	Two 96-Well Plates
Assay Type	Cell-Based ELISA
Samples	Researchers plate their cell line of choice
Detection Range	At least 5000 cells/well
Detection Method	Colorimetric 450 nm
Preparation and Storage	4 degree C/6 Months

IMAGES



WB (Western Blot)

Western blot analysis of lysates from 1) 453, 2) AD293, 3) HeLa cells, (Green) primary antibody was diluted at 1:1000, 4 degree C over night, secondary antibody(cat:RS23920)was diluted at 1:10000, 37 degree C 1hour. (Red) Actin beta Monoclonal Antibody(5B7)(cat:YM3028) antibody was diluted at 1:5000 as loading control, 4 degree C over night, secondary antibody(cat:RS23710)was diluted at 1:10000, 37 degree C 1hour.

ADDITIONAL INFORMATION

Related Product Information for PERalpha elisa kit

The PERalpha (Phospho-Thr981) Colorimetric Cell-Based ELISA Kit is a convenient, lysate-free, high throughput and sensitive assay kit that can detect PERalpha (Phospho-Thr981) protein expression profile in cells. The kit can be used for measuring the relative amounts of PERalpha (Phospho-Thr981) in cultured cells as well as screening for the effects that variuos treatments, inhibitors (ie siRNA or chemicals), or activators have on PERalpha (Phospho-Thr981).

NCBI AND UNIPROT INFORMATION

NCBI GI #	134304838
NCBI GeneID	9451
NCBI Accession #	NP_004827.4
NCBI GenBank Nucleotide #	NM_004836.5
UniProt Accession #	Q9NZJ5; O95846; Q53QY0; Q53SB1; A0AVH1; A0AVH2; B2RCU9
Molecular Weight	125,216 Da
NCBI Official Full Name	eukaryotic translation initiation factor 2-alpha kinase 3
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2-alpha kinase 3
NCBI Official Symbol	EIF2AK3
NCBI Official Synonym Symbols	PEK; WRS; PERK
NCBI Protein Information	eukaryotic translation initiation factor 2-alpha kinase 3; hsPEK; pancreatic EIF2-alpha kinase; PRKR-like endoplasmic reticulum kinase; eukaryotic translation initiation factor 2 alpha kinase 3
UniProt Protein Name	Eukaryotic translation initiation factor 2-alpha kinase 3
UniProt Gene Name	EIF2AK3
UniProt Synonym Gene Names	PEK; PERK; HsPEK
UniProt Entry Name	E2AK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-elisa-kits/peralpha/319188>