

Anti-Phospho-EIF2AK3-Thr981 antibody (947-996 aa) (STJ91215)

STJ91215

GENERAL INFORMATION

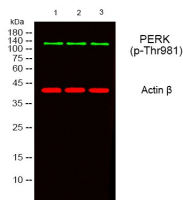
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Eukaryotic translation initiation factor 2-alpha kinase 3-Thr981 (947-996 aa) is suitable for use in Immunofluorescence, Western Blot, Immunohistochemistry and ELISA research applications.
Applications	IF/WB/IHC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

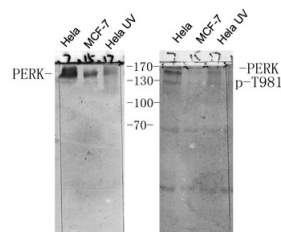
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IF 1:50-200
Range	WB 1:500-2000 IHC 1:100-1:300 ELISA 1:40000
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

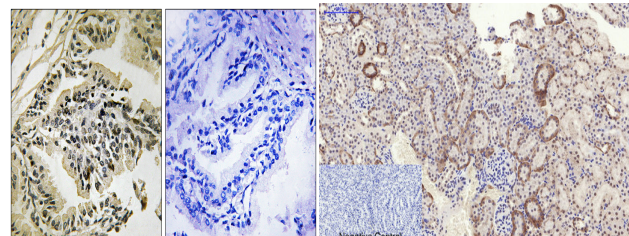
Gene ID	9451
Gene Symbol	EIF2AK3
Uniprot ID	E2AK3_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from the human PEK/PERK around the phosphorylation site of Thr981 at the amino acid range 947-996
Immunogen Region	947-996 aa
Specificity	Phospho-PERK (T981) Polyclonal Antibody detects endogenous levels of PERK protein only when phosphorylated at T981.
Immunogen Sequence	



Western blot analysis of lysates from 1) 453, 2) AD293, 3) HeLa cells. (Green) primary antibody was diluted at 1:1000, 4A°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37A°C 1hour. (Red) Actin Beta monoclonal antibody (5B7) (cat: STJ98530) antibody was diluted at 1:5000 as loading control, 4A°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37A°C 1hour.



Western blot analysis of various cells using antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000



Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma, using PERK/PERK (Phospho-Thr981) Antibody. The picture on the right is blocked with the phospho peptide.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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