

Anti-EIF2AK3 antibody (867-1116) (STJ11100155)

STJ11100155

GENERAL INFORMATION

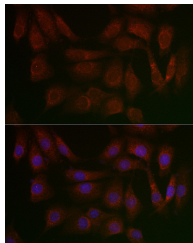
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

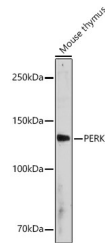
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:100-1:500 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

Gene ID	9451
Gene Symbol	EIF2AK3
Uniprot ID	E2AK3_HUMAN
Immunogen	
Immunogen Region	867-1116
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 867-1116 of human PERK (NP_004827.4).
Immunogen Sequence	LTKNTEKLQPSKPYLYI QMLCRKENLKDWMNGRCTI EERERSVCLHFLQIAEAVE FLHSGMLMHRDLKPSNIFFT MDDVWKVGDFGLVTAMDQDE EEQTVLTPMPAYARHTGQVG TKLYMSPEQIHGNSYSHKVD IFSGLILFELLYPFSTQME RVRTLTDVRNLKFPPLFTQK YPCEYVMVQDMLSPSPMERP EAINIENAVFEDLDFPGKT VLRQRSRSLSSSGTKHSRQ



Immunofluorescence analysis of NIH/3T3 cells using PERK Rabbit polyclonal antibody (STJ11100155) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of Mouse thymus, using PERK antibody (STJ11100155) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.