

Anti-EIF2AK2 antibody (450-551) [S0MR] (STJ11101690)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

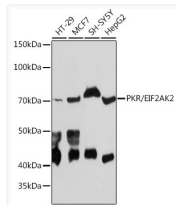
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 62kDa Observed Mw: 70kDa
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	5610
Gene Symbol	EIF2AK2
UniProt ID	E2AK2_HUMAN
Immunogen Region	450-551
Immunogen Sequence	GTLRYMSPEQISSQDYGKEV DLYALGLILAEELLHVCDTAF ETSKFFTDLRDGIISDIFDK KEKTLQKLLSKKPEDRPNT SEILRTLTVWKKSPKNERH TC
Specificity	A synthetic peptide corresponding to a sequence within amino acids 450-551 of human PKR/EIF2AK2 (P19525).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of extracts of various cell lines, using PKR/EIF2AK2 antibody (STJ11101690) 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 Basic Kit. Exposure time: 30s.