Anti-EIF2AK1 antibody (337-586) [S5417RM] (STJ11105417)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

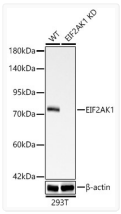
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 71kDa Observed Mw: 71kDa
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	27102
Gene Symbol	EIF2AK1
UniProt ID	E2AK1_HUMAN
Immunogen Region	337-586
Immunogen Sequence	SIVEQQLPLRRRNSHLEESFT STEESSEENVNFLGQTEAQY HLMLHIQMQLCELSLWDWIV ERNKRGREYVDESACPYVMA NVATKIFQELVEGVFYIHNM GIVHRDLKPRNIFLHGPDQQ VKIGDFGLACTDILQKNTDW TNRNGKRTPTHTSRVGTCLY ASPEQLEGSEYDAKSDMYSL GVVLLELFQPFGTEMERAEV LTGLRTGQLPESLRKRCPVQ AKYIQHLTRRNSSQRPSAI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 337-586 of human EIF2AK1 (NNP_055228.2).

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 lysates from wild type (WT) and EIF2AK1 knockdown (KD) 293T cells, using EIF2AK1 Rabbit monoclonal antibody (STJ11105417) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.