

Anti-EIF2AK1 antibody (337-630) (STJ116054)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

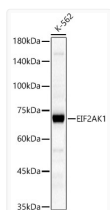
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:500 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
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

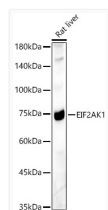
Gene ID	27102
Gene Symbol	EIF2AK1
UniProt ID	E2AK1_HUMAN
Immunogen Region	337-630
Immunogen Sequence	SIVEQQPLPLRRNSHLEESFT STEESSEENVNFLGQTEAQY HLMHLIQMLCELSLWDWIV ERNKRGREYVDESACPYVMA NVATKIFQELVEGVFYIHNM GIVHRDLKPRNIFLHGPDQQ VKIGDFGLACTDILQKNTDW TNRNGKRTPTHTSRVGTCLY ASPEQLEGSEYDAKSDMYSL GVVLELFPQFPGTEMERAEV LTGLRTGQLPESLRKRCVPQ AKYIQLHTRRNSSQRPASAI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 337-586 of human EIF2AK1 (NP_055228.2).

ADDITIONAL INFORMATION

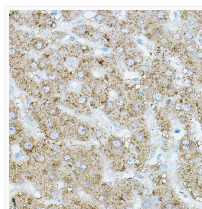
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of K-562, using EIF2AK1 rabbit polyclonal antibody (STJ116054) at 1:1500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of Rat liver, using EIF2AK1 rabbit polyclonal antibody (STJ116054) at 1:1500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human liver using EIF2AK1 rabbit polyclonal antibody (STJ116054) at dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.