

Anti-EEF2K antibody (406-725) (STJ27357)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

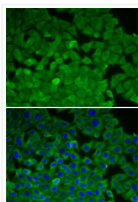
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 82kDa Observed Mw: 110kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

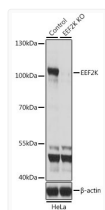
Gene ID	29904
Gene Symbol	EEF2K
UniProt ID	EF2K_HUMAN
Immunogen Region	406-725
Immunogen Sequence	KLDHLHWPVFSDDLNMASRD HDHLDNHRESENSGDSGYPS EKRGELEDDPEPREHGHHSYN RKYESDEDSLGSSGRVCVEK WNLLNSSRLHLPRASAVALE VQRLNLDLEKKIGKSILGK VHLAMVRYHEGGRFCEKGE EWDQESAVFHLEHAANLGELE AIVGLGLMYSQLPHHILADV SLKETEEENTKGFDFLLKAA EAGDRQSMILVARAFDSSQN LSPDRQCQDWLEALHWYNTA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 406-725 of human EEF2K (NP_037434.1).

ADDITIONAL INFORMATION

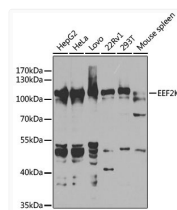
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of A-549 cells using EEF2K antibody (STJ27357). Blue: DAPI for nuclear staining.



Western blot analysis of extracts from normal (control) and EEF2K knockout (KO) HeLa cells, using EEF2K antibody (STJ27357) at 1:1000 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% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using EEF2K antibody (STJ27357) at 1:1000 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% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 40s.