

Anti-eIF5A antibody (1-154) (STJ23522)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

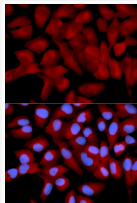
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 17kDa Observed Mw: 17kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

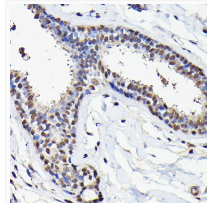
Gene ID	1984
Gene Symbol	EIF5A
UniProt ID	IF5A1_HUMAN
Immunogen Region	1-154
Immunogen Sequence	MADDLDFETGDAGASATFPM QCSALRKNQFVVLKGRPCKI VEMSTSKTGKHHGAKVHLVG IDIFTGKKYEDICPSTHNMD VPNIKRNDQFLIGIQDGYLS LLQDSGEVREDLRLPEGLG KEIEQKYDCGEEILITVLSA MTEEAAVAIAKAMAK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-154 of human eIF5A (NP_001137234.1).

ADDITIONAL INFORMATION

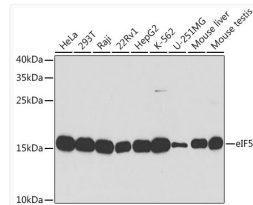
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunofluorescence analysis of U2OS cells using eIF5A antibody (STJ23522). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using eIF5A Rabbit polyclonal antibody (STJ23522) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using eIF5A antibody (STJ23522) 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.