



eIF5A2 rabbit pAb

Cat No.:ES2249

For research use only

Overview

Product Name	eIF5A2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human eIF5A2. AA range:78-127
Specificity	eIF5A2 Polyclonal Antibody detects endogenous levels of eIF5A2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Eukaryotic translation initiation factor 5A-2
Gene Name	EIF5A2
Cellular localization	Cytoplasm . Nucleus . Endoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side . Nucleus, nuclear pore complex . Hypusine modification promotes the nuclear export and cytoplasmic localization and there was a dynamic shift in the loc
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	17kD
Human Gene ID	56648
Human Swiss-Prot Number	Q9GZV4
Alternative Names	EIF5A2; Eukaryotic translation initiation factor 5A-2; eIF-5A-2; eIF-5A2; Eukaryotic initiation factor 5A isoform 2



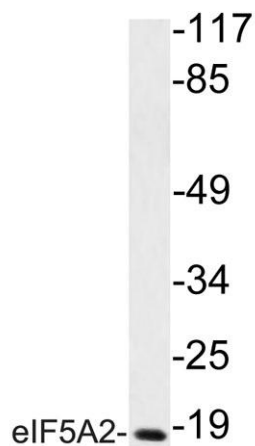


Background

function: The precise role of eIF-5A in protein biosynthesis is not known but it functions by promoting the formation of the first peptide bond.
PTM: eIF-5A seems to be the only eukaryotic protein to have a hypusine residue which is a post-translational modification of a lysine by the addition of a butylamino group (from spermidine).
similarity: Belongs to the eIF-5A family.
tissue specificity: Expressed in ovarian and colorectal cancer cell lines (at protein level). Highly expressed in testis. Overexpressed in some cancer cells.



Western Blot analysis of various cells using eIF5A2
Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysate from HUVEC cells, using eIF5A2 antibody.

