

eIF5A/eIF5A2 Polyclonal Antibody

Catalog No :	YT6284
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	eIF5A/eIF5A2
Gene Name :	EIF5A
Protein Name :	eIF5A/eIF5A2
Human Gene Id :	1984
Human Swiss Prot No :	P63241/Q9GZV4
Immunogen :	Synthesized peptide derived from human eIF5A/eIF5A2
Specificity :	This antibody detects endogenous levels of human eIF5A/eIF5A2
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000, ELISA(peptide)1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	17kD
Function :	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 an 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.,subunit:Found in a complex with Ran and XPO4. The hypusine modification increases the interaction with XPO4.,tissue specificity:Expressed in umbilical vein endothelial cells and several cancer cell lines (at protein level).,

Subcellular Location :

Cytoplasm . Nucleus . Endoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side . Hypusine modification promotes the nuclear export and cytoplasmic localization and there was a dynamic shift in the localization from predominantly cytoplasmic to primarily nuclear under apoptotic inducing conditions (PubMed:19379712, PubMed:27306458). Nuclear export of hypusinated protein is mediated by XPO4 (PubMed:10944119, PubMed:27306458). .

Expression :

Expressed in umbilical vein endothelial cells and several cancer cell lines (at protein level).

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