eIF5A2 Monoclonal Antibody

Catalog No	YP-mAb-03852
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	EIF5A2
Protein Name	Eukaryotic translation initiation factor 5A-2
Immunogen	The antiserum was produced against synthesized peptide derived from human eIF5A2. AA range:78-127
Specificity	eIF5A2 Monoclonal Antibody detects endogenous levels of eIF5A2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EIF5A2; Eukaryotic translation initiation factor 5A-2; eIF-5A-2; eIF-5A2; Eukaryotic initiation factor 5A isoform 2
Observed Band	17kD
Cell Pathway	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 localization from predominantly cytoplasmic to primarily nuclear under apoptotic inducing conditions. .
Tissue Specificity	Expressed in ovarian and colorectal cancer cell lines (at protein level). Highly expressed in testis. Overexpressed in some cancer cells.
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.,tissue specificity:Expressed in ovarian and colorectal cancer cell lines (at protein level). Highly expressed in testis. Overexpressed in some cancer cells.,
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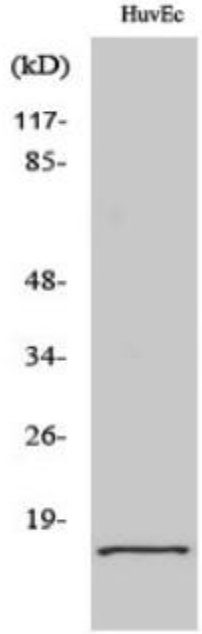
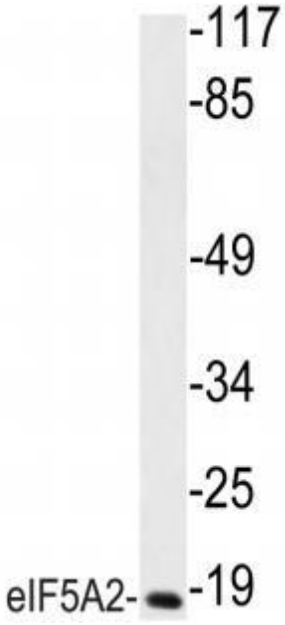
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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



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