



eIF5 Polyclonal Antibody

Catalog No	BYab-03851
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	EIF5
Protein Name	Eukaryotic translation initiation factor 5
Immunogen	Synthesized peptide derived from the Internal region of human eIF5.
Specificity	eIF5 Polyclonal Antibody detects endogenous levels of eIF5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EIF5; Eukaryotic translation initiation factor 5; eIF-5
Observed Band	
Cell Pathway	nucleus,cytoplasm,cytosol,plasma membrane,cell-cell adherens junction,
Tissue Specificity	Brain,Epithelium,Lymph,Pooled,Uterus,
Function	function:Catalyzes the hydrolysis of GTP bound to the 40S ribosomal initiation complex (40S.mRNA.Met-tRNA[F].eIF-2.GTP) with the subsequent joining of a 60S ribosomal subunit resulting in the release of eIF-2 and the guanine nucleotide. The subsequent joining of a 60S ribosomal subunit results in the formation of a functional 80S initiation complex (80S.mRNA.Met-tRNA[F]).,similarity:Belongs to the eIF-2-beta/eIF-5 family.,similarity:Contains 1 W2 domain.,
Background	Eukaryotic translation initiation factor-5 (EIF5) interacts with the 40S initiation complex to promote hydrolysis of bound GTP with concomitant joining of the 60S ribosomal subunit to the 40S initiation complex. The resulting functional 80S ribosomal initiation complex is then active in peptidyl transfer and chain

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elongations (summary by Si et al., 1996 [PubMed 8663286]).[supplied by OMIM, May 2010],

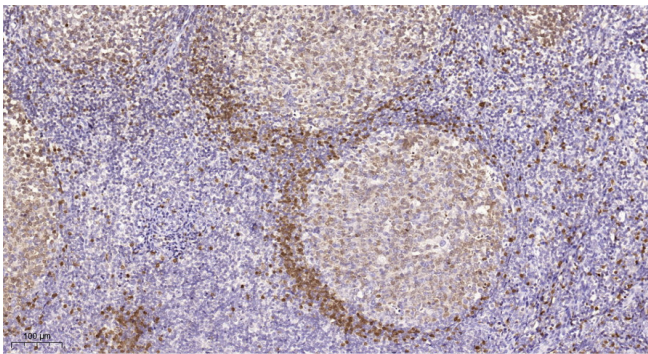
matters needing attention

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



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight).3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658