

EIF3H Antibody

Catalog No: #36437

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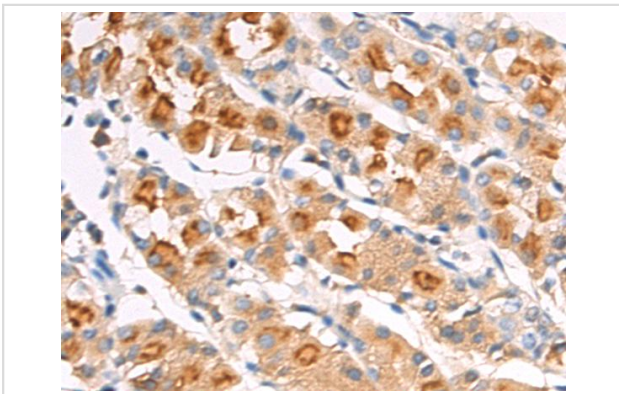
Description

Product Name	EIF3H Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Human; Mouse; Rat
Specificity	The antibody detects endogenous levels of total EIF3H protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein of human EIF3H
Target Name	EIF3H
Other Names	EIF3S3; eIF3-p40; eIF3-gamma
Accession No.	Swiss-Prot#: O15372NCBI Gene ID: 8667Gene Accssion: BC000386
Uniprot	O15372
GeneID	8667;
Concentration	0.6 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

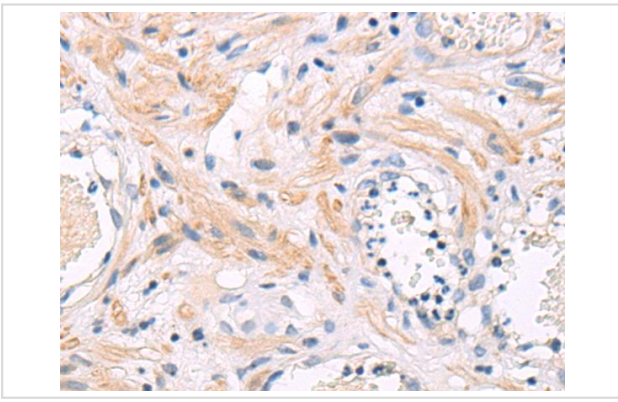
Application Details

IHC 1:50-1:100

Images



The image is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using (EIF3H Antibody) at dilution 1/40. (Original magnification: Γ 200)



The image is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using (EIF3H Antibody) at dilution 1/40. (Original magnification: \times 200)

Background

Eukaryotic translation initiation factor 3 subunit H is a protein that in humans is encoded by the EIF3H gene. Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP: methionyl-tRNA_i and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.

Note: This product is for in vitro research use only