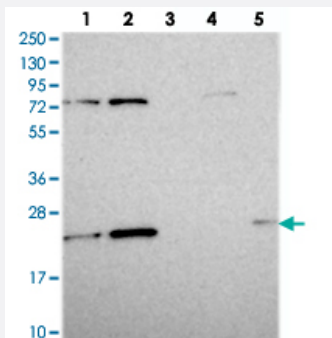


# EIF3K polyclonal antibody

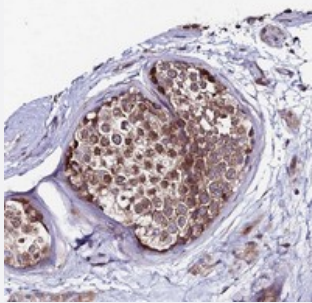
Catalog # PAB24415      Size 100 uL

## Applications



### Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with EIF3K polyclonal antibody (Cat # PAB24415).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with EIF3K polyclonal antibody (Cat # PAB24415) shows strong cytoplasmic positivity in cells of seminiferous ducts.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant EIF3K.
Immunogen	Recombinant protein corresponding to amino acids of human EIF3K.
Sequence	MAMFEQMRANVGKLLKGIDRYNPENLATLERYVETQAKENAYDLEANLAVLKLYQFNPAFFQTTV TAQILLKA
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with EIF3K polyclonal antibody (Cat # PAB24415).

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## Gene Info — EIF3K

Entrez GeneID	<a href="#">27335</a>
Protein Accession#	<a href="#">Q9UBQ5</a>
Gene Name	EIF3K
Gene Alias	ARG134, EIF3-p28, EIF3S12, HSPC029, M9, MSTP001, PLAC-24, PLAC24, PRO1474, PTD001
Gene Description	eukaryotic translation initiation factor 3, subunit K
Omim ID	<a href="#">609596</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

The 700-kD eukaryotic translation initiation factor-3 (eIF3) is the largest eIF and contains at least 12 subunits, including EIF2S12. eIF3 plays an essential role in translation by binding directly to the 40S ribosomal subunit and promoting formation of the 40S preinitiation complex (Mayeur et al., 2003 [PubMed 14519125]).[supplied by OMIM]

**Other Designations**

eukaryotic translation initiation factor 3, subunit 12|muscle specific