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Product datasheet for AP21173PU-N

EIF3D Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	**Western blot**: 1/500-1/1000. **Immunohistochemistry on Paraffin Sections:** 1/50-1/200.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of eIF3ζ protein. (region surrounding Arg135)
Formulation:	Phosphate buffered saline (PBS), pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE). Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 64 kDa
Gene Name:	eukaryotic translation initiation factor 3 subunit D
Database Link:	Entrez Gene 55944 MouseEntrez Gene 8664 Human O15371

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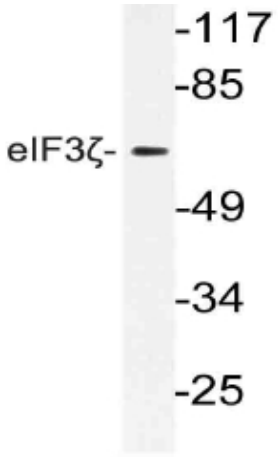
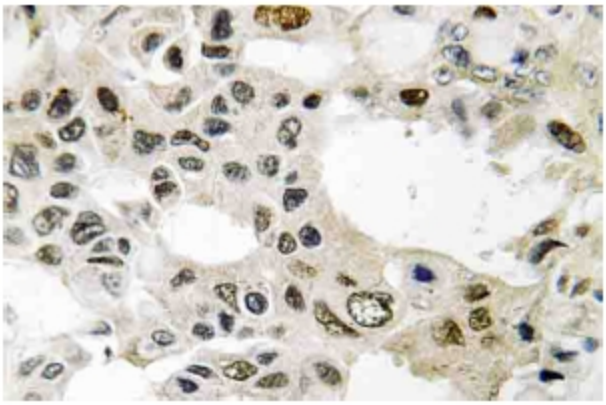
Background: Translation initiation in eukaryotes necessitates the assembly of an 80S ribosomal complex containing methionyl initiator tRNA (Met-tRNAiMet), which is base paired at the initiation codon (AUG, GUG) in eligible transcripts. Eukaryotic initiation factors (eIFs) are utilized in a sequence of reactions that leads to 80S ribosomal assembly and initiation of translation. Eukaryotic initiation factor 3 (eIF3) is the largest family of eIFs and consists of at least 12 unique subunits in mammals. eIFE, also known as eIF p47, binds to the 40S ribosome and promotes the binding of methionyl-tRNAi and mRNA and associates with the complex p170-eIF3.

Synonyms: Eukaryotic translation initiation factor 3 subunit D, eIF-3-zeta, eIF3 p66

Product images:



Western blot analysis using eIF3D antibody (Cat.-No.: AP21173PU-N) in extracts from 3T3 cells.



Immunohistochemistry (IHC) analyzes of eIF3D antibody (Cat.-No.: AP21173PU-N) staining in Paraffin-Embedded Human breast carcinoma tissue.