

## Product datasheet for **AP51398PU-N**

### EIF3K (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 175-204 amino acids from the C-terminal region of human EIF3K
Specificity:	This antibody reacts to EIF3K.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody 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:	25060 Da
Gene Name:	eukaryotic translation initiation factor 3 subunit K
Database Link:	<a href="#">Entrez Gene 27335 Human</a> <a href="#">Q9UBQ5</a>

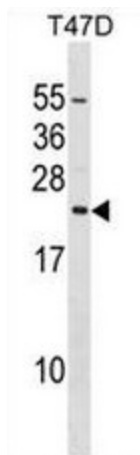


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**Background:** The 700-kD eukaryotic translation initiation factor-3 (eIF3) is the largest eIF and contains at least 12 subunits, including EIF2S12. eIF3 plays an essential role in translation by binding directly to the 40S ribosomal subunit and promoting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

**Synonyms:** Eukaryotic translation initiation factor 3 subunit K, eIF-3 p25, eIF-3 p28, PLAC-24

**Product images:**



EIF3K Antibody (C-term) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the EIF3K antibody detected the EIF3K protein (arrow).