

## Product datasheet for **TA319432**

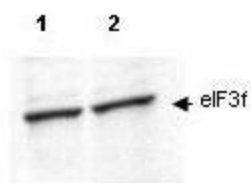
### EIF3F Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:10,000 - 1:40,000, WB: 1:200 - 1:2,000, IHC: User Optimized
Reactivity:	Human, Mouse, Rat, Chimpanzee, Chicken, Bovine
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 114-125 of human eIF3f protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	eukaryotic translation initiation factor 3 subunit F
Database Link:	<a href="#">NP_003745</a> <a href="#">Entrez Gene 66085 Mouse</a> <a href="#">Entrez Gene 293427 Rat</a> <a href="#">Entrez Gene 8665 Human</a> <a href="#">O00303</a>
Synonyms:	eIF3-p47; EIF3S5
Note:	eIF3f, also known as eukaryotic translation initiation factor 3 subunit 5, eIF-3 epsilon, and eIF3 p47 subunit, binds to the 40S ribosome and promotes the binding of methionyl-tRNA and mRNA. EIF3f also associates with the complex p170-eIF3. eIF-3 is composed of at least 12 different subunits, eIF3f is one of these subunits.
Protein Families:	Druggable Genome



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**Product images:**

Western blot using affinity purified anti-eIF3f antibody shows detection of endogenous eIF3f in lysates from both control HeLa cells (lane 1) and HeLa cells transformed with the kinase cdk11 (lane 2). Cdk11 is responsible for phosphorylating eIF3f in vivo. After SDS-PAGE and transfer, the membrane was probed with the primary antibody diluted to 1:200. This antibody recognizes both phosphorylated and non-phosphorylated eIF3f. Personal Communication, Jiaqi Shi, Univ. Arizona, Tucson, AZ.