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Product datasheet for TA358161

Eif3d Rabbit Polyclonal Antibody

Product data:

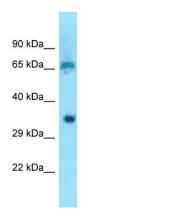
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity : Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish Homology : Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 83%; Zebrafish: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	60kDa
Gene Name:	eukaryotic translation initiation factor 3, subunit D
Database Link:	<u>NP_001004283</u> <u>Entrez Gene 362952 Rat</u> <u>Q6AYK8</u>



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	Eif3d Rabbit Polyclonal Antibody – TA358161
Background:	Eif3d is a 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-tRNAi 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 posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.
Synonyms:	elF-3-zeta; elF3-p66; elF3-zeta; ElF3S7; MGC17258; MGC126526; OTTHUMP00000197901

Product images:



WB Suggested Anti-Eif3d Antibody Titration: 1.0 ug/ml Positive Control: Rat liver

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