

Product datasheet for **TA357929**

EIF3A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish Homology: Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	152kDa
Gene Name:	eukaryotic translation initiation factor 3 subunit A
Database Link:	NP_003741 Entrez Gene 8661 Human Q14152



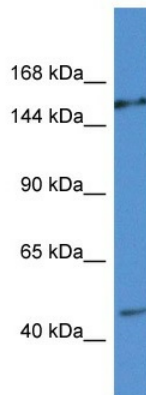
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Background:

EIF3A 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:

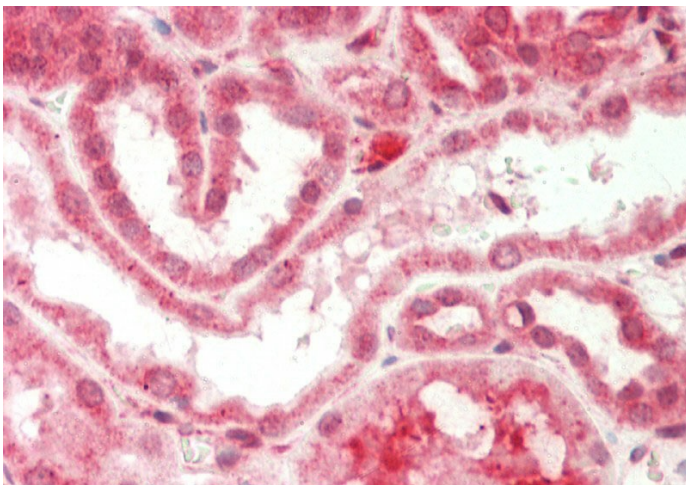
eIF-3-theta; EIF3; eIF3-p170; eIF3-theta; EIF3S10; KIAA0139; P167; p180; p185; TIF32

Product images:

WB Suggested Anti-EIF3A Antibody

Titration: 1.0 ug/ml

Positive Control: HeLa Whole Cell
There is BioGPS gene expression data showing that EIF3A is expressed in HeLa



Rabbit Anti-EIF3A antibody

Catalog Number: ARP61702

Formalin Fixed Paraffin Embedded Tissue:
Human Kidney

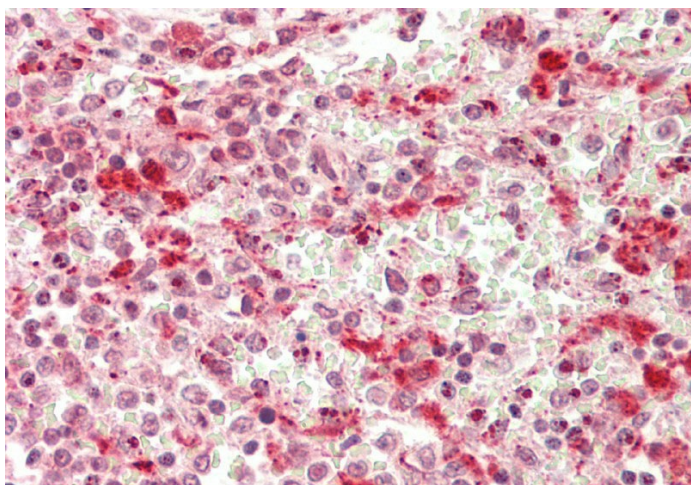
Primary antibody Concentration: 1:100

Secondary Antibody: Donkey anti-Rabbit-Cy3

Secondary Antibody Concentration: 1:200

Magnification: 20x

Exposure Time: 0.5-2.0sec



Rabbit Anti-EIF3A antibody
Catalog Number: ARP61702
Formalin Fixed Paraffin Embedded Tissue:
Human Spleen
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec