

## Product datasheet for **TA365299**

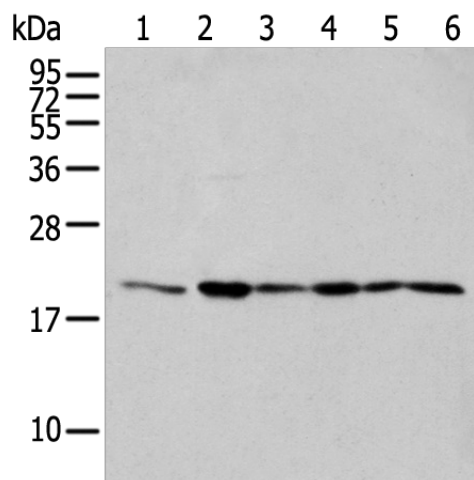
### EEF1E1 Rabbit Polyclonal Antibody

#### Product data:

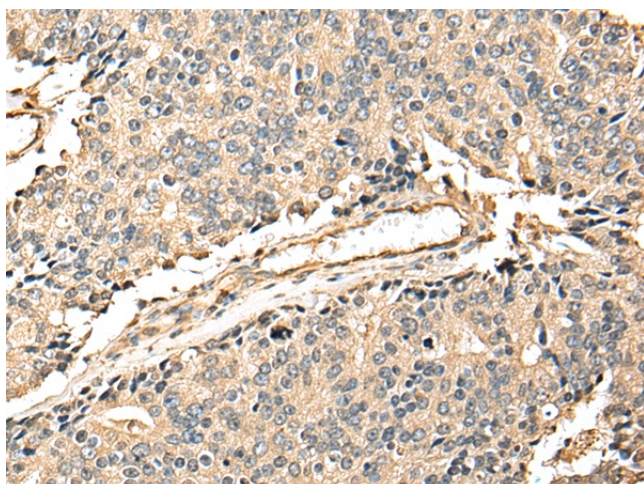
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A431 cell□Hepg2 cell□293T cell□Human testis tissue□Jurkat and A549 cell IHC: 25-100 Positive control: Human prostate cancer Predicted cell location: Cytoplasm or Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	20 kDa
Gene Name:	eukaryotic translation elongation factor 1 epsilon 1
Database Link:	<a href="#">Entrez Gene 9521 Human O43324</a>
Background:	This gene encodes a multifunctional protein that localizes to both the cytoplasm and nucleus. In the cytoplasm, the encoded protein is an auxiliary component of the macromolecular aminoacyl-tRNA synthase complex. However, its mouse homolog has been shown to translocate to the nucleus in response to DNA damage, and it plays a positive role in ATM/ATR-mediated p53 activation. Alternative splicing results in multiple transcript variants.
Synonyms:	AIMP3; P18



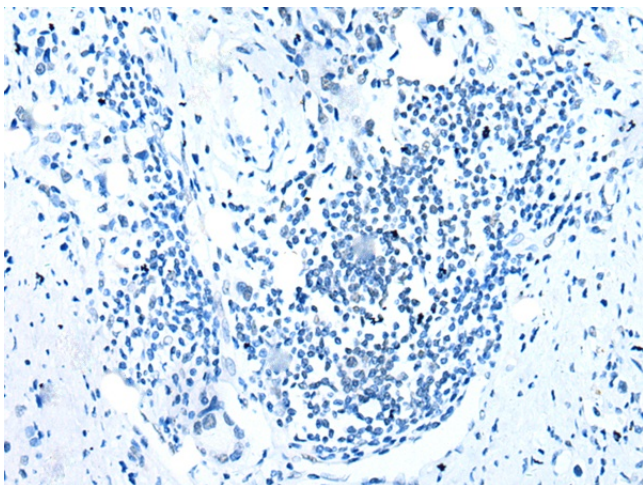
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**Product images:**

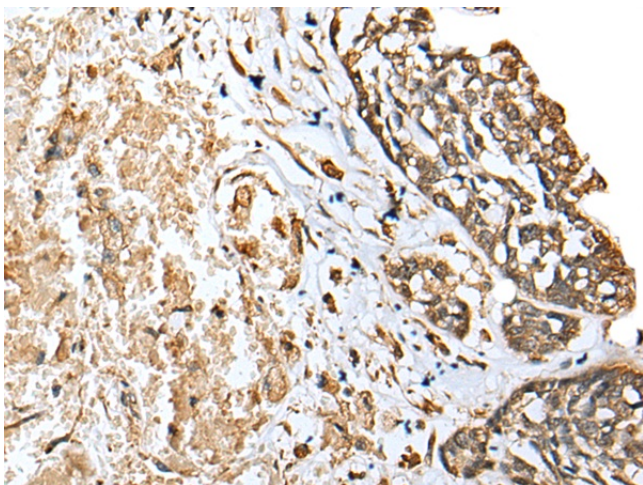
Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-6: A431 cell  
Hepg2 cell  
293T cell  
Human testis tissue  
Jurkat and A549 cell  
Primary antibody: TA365299 (EEF1E1 Antibody) at dilution 1/300  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 2 seconds



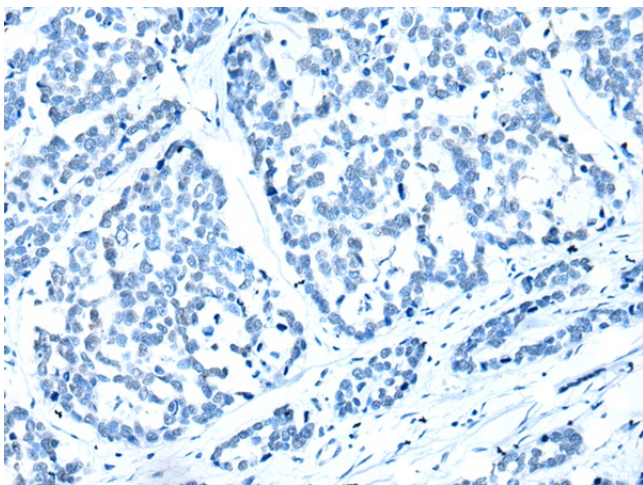
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA365299 (EEF1E1 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA365299 (EEF1E1 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA365299 (EEF1E1 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA365299 (EEF1E1 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)