

Product datasheet for **TA370370**

EIF4A2 Rabbit Polyclonal Antibody

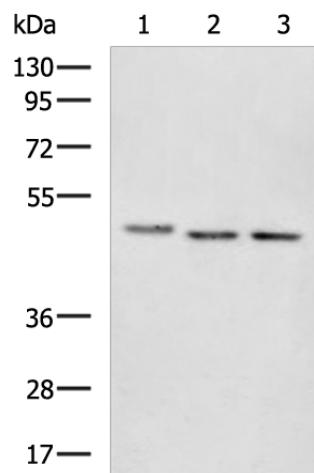
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain tissue, K562 and Raji cell lysates IHC: 50-200 Positive control: Human gastric cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human EIF4A2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	46 kDa
Gene Name:	eukaryotic translation initiation factor 4A2
Database Link:	Entrez Gene 1974 Human Q14240
Background:	ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome. In the current model of translation initiation, eIF4A unwinds RNA secondary structures in the 5'-UTR of mRNAs which is necessary to allow efficient binding of the small ribosomal subunit, and subsequent scanning for the initiator codon.
Synonyms:	BM-010; DDX2B; eIF-4A-II; EIF4A; eIF4A-II; EIF4F

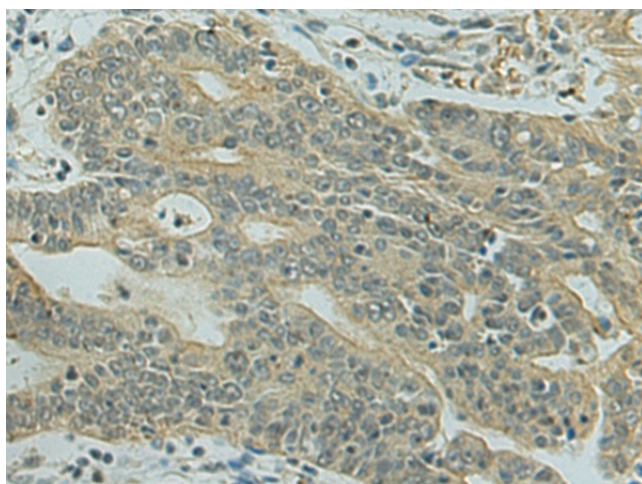


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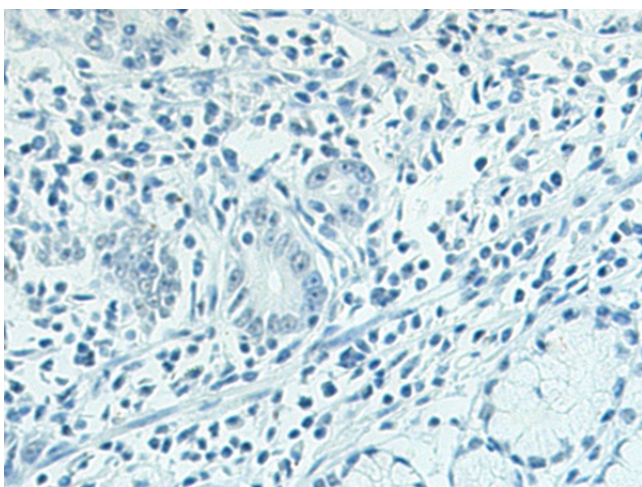
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane 1-3: Mouse brain tissue
K562 and Raji cell lysates
Primary antibody: TA370370 (EIF4A2 Antibody) at
dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at
1/5000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded
Human gastric cancer tissue using TA370370
(EIF4A2 Antibody) at dilution 1/80 (Original
magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA370370 (EIF4A2 Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: ×200)