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anti-EEF1A2 antibody (C-Term)

2 Images



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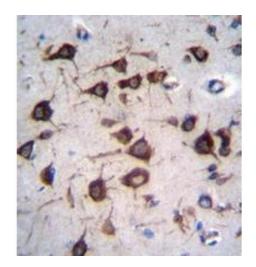
Quantity:	0.4 mL	
Target:	EEF1A2	
Binding Specificity:	AA 365-395, C-Term	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This EEF1A2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)	
Product Details		
Immunogen:	KLH conjugated synthetic peptide between 365-395 amino acids from the C-terminal region of Human EEF1A2	
Isotype:	lg Fraction	
Specificity:	This antibody recognizes Human and Mouse EEF1A2 (C-term).	
Purification:	Affinity Chromatography on Protein A	
Target Details		
Target:	EEF1A2	
Alternative Name:	EEF1A2 (EEF1A2 Products)	

Target Details

Storage Comment:

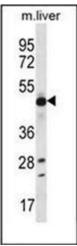
rarget Details		
Background:	This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Synonyms: EEF1AL, EF-1-alpha-2, EF1A, Elongation factor 1 A-2, Elongation factor 1-alpha 2, FLJ41696, HS1, STN, STNL, Statin S1, eEF1A-2	
Molecular Weight:	50470 Da	
Gene ID:	1917	
NCBI Accession:	NP_001949	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.25 mg/mL	
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	

Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin fixed and paraffin embedded human brain tissue reacted with EEF1A2 Antibody (Cterm) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 2. Western blot analysis of EEF1A2 Antibody (Cterm) Cat.-No AP51369PU-N in mouse liver tissue lysates (35ug/lane). This demonstrates the EEF1A2 antibody detected the EEF1A2 protein (arrow).