Product Name: DDX24 Rabbit Polyclonal Antibody
Catalog #: APRab09879
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight	120kDa

Antigen Information

Gene Name	DDX24
Alternative Names	DDX24; ATP-dependent RNA helicase DDX24; DEAD box protein 24
Gene ID	57062.0
SwissProt ID	Q9GZR7
Immunogen	The antiserum was produced against synthesized peptide derived from human DDX24. AA range:41-90

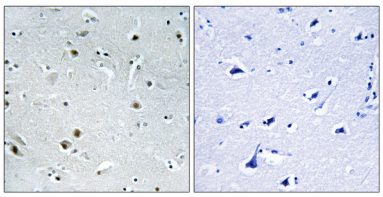
Background

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are

implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which shows little similarity to any of the other known human DEAD box proteins, but shows a high similarity to mouse Ddx24 at the amino acid level. [provided by RefSeq, Jul 2008],function:ATP-dependent RNA helicase .,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the DEAD box helicase family.,similarity:Belongs to the DEAD box helicase family. DDX24/MAK5 subfamily.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,tissue specificity:Ubiquitous. Most abundant in heart and brain, but with lowest levels in thymus and small intestine.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human brain, using DDX24 Antibody. The picture on the right is blocked with the synthesized peptide.