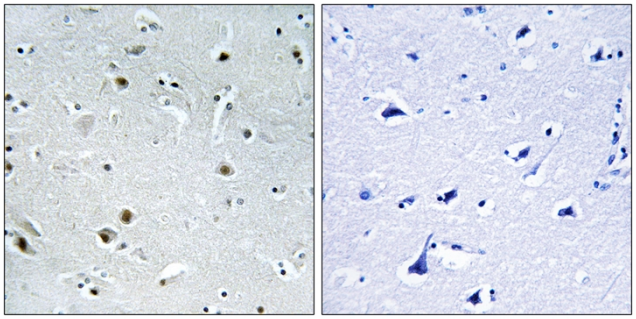
DDX24 Polyclonal Antibody

Catalog No	YP-Ab-01640
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	DDX24
Protein Name	ATP-dependent RNA helicase DDX24
Immunogen	The antiserum was produced against synthesized peptide derived from human DDX24. AA range:41-90
Specificity	DDX24 Polyclonal Antibody detects endogenous levels of DDX24 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DDX24; ATP-dependent RNA helicase DDX24; DEAD box protein 24
Observed Band	120kD
Cell Pathway	nucleolus,membrane,
Tissue Specificity	Ubiquitous. Most abundant in heart and brain, but with lowest levels in thymus and small intestine.
Function	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.,
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],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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