

DHX34 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10982**Specification**

DHX34 antibody - middle region - Product Information

Application	WB
Primary Accession	Q14147
Other Accession	NM_014681 , NP_055496
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rabbit, Horse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 128kDa KDa

DHX34 antibody - middle region - Additional Information**Gene ID 9704**Alias Symbol **DDX34, HRH1, KIAA0134****Other Names**

Probable ATP-dependent RNA helicase DHX34, 3.6.4.13, DEAH box protein 34, DHX34, DDX34, KIAA0134

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-DHX34 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

DHX34 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

DHX34 antibody - middle region - Protein Information**Name** DHX34 ([HGNC:16719](#))**Function**

Probable ATP-binding RNA helicase required for nonsense-mediated decay (NMD) degradation of mRNA transcripts containing premature stop codons (PubMed: [25220460](http://www.uniprot.org/citations/25220460), PubMed: [33205750](http://www.uniprot.org/citations/33205750)). Promotes the phosphorylation of UPF1 along with its interaction with key NMD pathway proteins UPF2 and EIF4A3 (PubMed: [25220460](http://www.uniprot.org/citations/25220460)). Interaction with the RUVBL1-RUVBL2 complex results in loss of

nucleotide binding ability and ATP hydrolysis of the complex (PubMed:33205750). Negatively regulates the nucleotide binding ability and ATP hydrolysis of the RUVBL1-RUVBL2 complex via induction of N-terminus conformation changes of the RUVBL2 subunits (PubMed:33205750).

Tissue Location

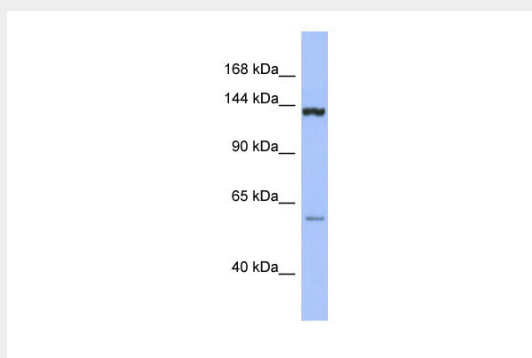
Expressed in whole blood, testis and spleen. Also expressed in the brain.

DHX34 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DHX34 antibody - middle region - Images



WB Suggested Anti-DHX34 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: THP-1 cell lysate

DHX34 antibody - middle region - References

Smith,J.S., (2000) Genomics 64 (1), 44-50 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.