

Product datasheet

Anti-DHX35 antibody ab235366

3 Images

Overview

Product name	Anti-DHX35 antibody
Description	Rabbit polyclonal to DHX35
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Orangutan 
Immunogen	Recombinant fragment corresponding to Human DHX35 aa 1-300. Sequence: MAAPVGPVKFWRPGTEGPGVSISEERQSLAENSGTT VVYNPYAALSIEQQ RQKLPVFKLRNHILYLIENYQTVVIVGETGCGKSTQIPQY LAEAGWTAEG RVVGVTQPRRVAAVTVAGRVAEERGAVLGHEVGYCIR FDDCTDQLATRIK FLTDGMLVREMMVDPLLTKYSVIMLDEAHERTLYTDIAI GLLKKIQKKRG DLRLVASATLDADKFRDFFNQNETSDPARDTCVILTV EGRTFPVDIFYL QSPVPDYIKSTVETVVKIHQTEGDGDVLAFLTQQEEVE TVVSMMLIEQARA Database link: Q9H5Z1 <div style="text-align: right;">  Run BLAST with  Run BLAST with </div>
Positive control	WB: Mouse kidney and liver lysate; K562 and HeLa cell lysates. IHC-P: Human brain and testis tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4

	Preservative: 0.03% Proclin Constituents: PBS, 50% Glycerol
Purity	Protein G purified
Purification notes	Purity >95%.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab235366** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 79 kDa.
IHC-P		1/20 - 1/200.

Target

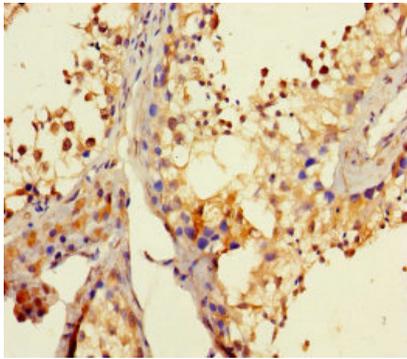
Relevance

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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The function of DHX35 which is a member of this family, has not been determined. 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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The function of this gene product which is a member of this family, has not been determined.

Cellular localization

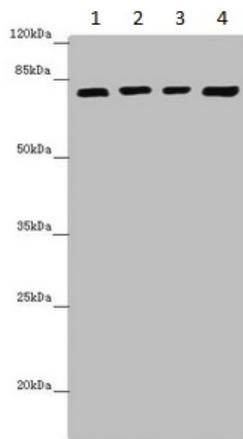
Spliceosomal complex

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DHX35 antibody (ab235366)

Paraffin-embedded human testis tissue stained for DHX35 using ab235366 at 1/100 dilution in immunohistochemical analysis.



Western blot - Anti-DHX35 antibody (ab235366)

All lanes : Anti-DHX35 antibody (ab235366) at 1/1000 dilution

Lane 1 : Mouse kidney lysate

Lane 2 : Mouse liver lysate

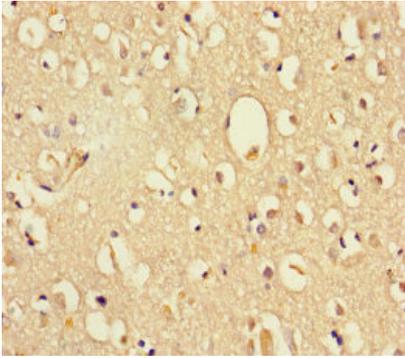
Lane 3 : K562 (human chronic myelogenous leukemia cell line from bone marrow) cell lysate

Lane 4 : HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

Secondary

All lanes : Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 79 kDa



Paraffin-embedded human brain tissue stained for DHX35 using ab235366 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DHX35 antibody (ab235366)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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