

DDX55 Rabbit pAb

Catalog # AP99340

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8NHQ9
Other Accession	Q8NHQ9
Reactivity	Rat, Mouse
Predicted	Pig, Human, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68547
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DDX55
Epitope Specificity	451-550/600
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the DEAD box helicase family. DDX55/SPB4 subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the DEAD box protein family. 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. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of only one transcript has been confirmed. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	57696
Other Names	2810021H22Rik; mKIAA1595; chunp6861; fc32a12; kiaa1595; wu:fc32a12; DDX55_HUMAN; DDX55; DEAD box protein 55; 3.6.4.13; DDX55_MOUSE; DDX55_DANRE; DEAD-box helicase 55; DEAD (Asp-Glu-Ala-Asp) box polypeptide 55
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DDX55 (HGNC:20085)
Synonyms	KIAA1595
Function	Probable ATP-binding RNA helicase. Has ATPase activity and is involved in the maturation of precursor large subunit rRNAs (PubMed: 33048000).
Cellular Location	Nucleus, nucleoplasm

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.