

Product datasheet for **TA319924**

DDX41 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DDX41 antibody was raised against a 17 amino acid peptide near the amino terminus of human DDX41.
Formulation:	DDX41 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	DDX41 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 68 kDa; Observed: 70 kDa
Gene Name:	DEAD-box helicase 41
Database Link:	NP_057306 Entrez Gene 72935 Mouse Entrez Gene 314336 Rat Entrez Gene 51428 Human Q9UJV9

Background: DDX41 Antibody: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. DDX41, also known as Abstrakt, interacts with and regulates the expression of sorting nexin-2 (SNX2), a protein involved in protein sorting in the trans-Golgi network. Recent evidence suggests that DDX41 also plays a role in the innate immune response by sensing intracellular viral DNA, triggering TBK1 and IRF3 activation, leading to a type I interferon immune response.

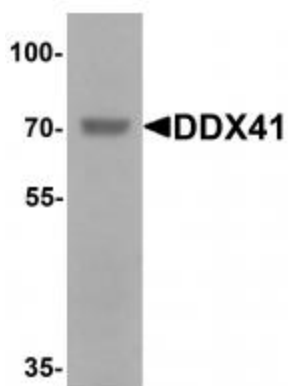


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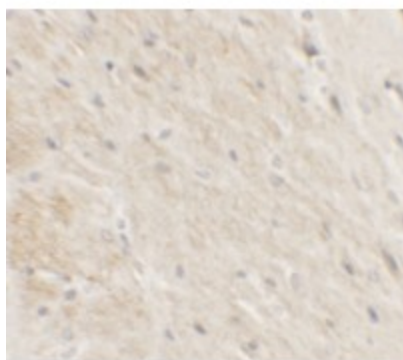
Synonyms: ABS

Protein Families: Druggable Genome

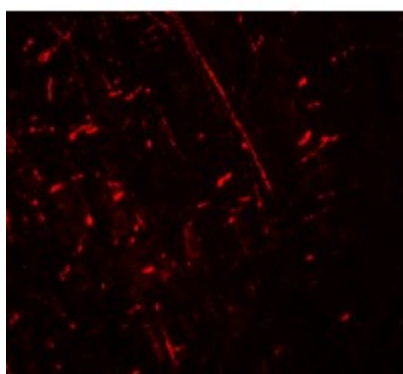
Product images:



Western blot analysis of DDX41 in rat brain tissue lysate with DDX41 antibody at 1 ug/mL.



Immunohistochemistry of DDX41 in rat brain tissue with DDX41 antibody at 2.5 ug/mL.



Immunofluorescence of DDX41 in rat brain tissue with DDX41 antibody at 20 ug/mL.