

DDX3/DEAD-box Antibody | anti-DDX3 antibody

DDX3/DEAD-box Protein 3 (Phospho-Thr322) Antibody

CATALOG # AAA112147	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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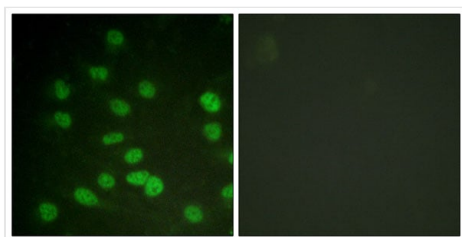
PRODUCT SYNONYMS

DDX3/DEAD-box; DDX3/DEAD-box Protein 3 (Phospho-Thr322) Antibody; D1PAS1 related sequence 2; D1PAS1-RS2; DBX; DDX3X; DEAD-box RNA helicase DEAD3; DEAD-box protein 3; DEAD-box; X isoform; DEAD3; EC 3.6.1.-; ERH; Embryonic RNA helicase; HLP2; Helicase-like protein 2; anti-DDX3 antibody

PRODUCT SPECIFICATIONS

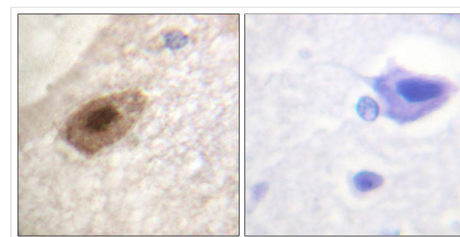
Reactivity	Human, Mouse, Rat
Specificity	DDX3/DEAD-box Protein 3 (Phospho-Thr322) antibody detects endogenous levels of DDX3/DEAD-box Protein 3 only when phosphorylated at threonine 322.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	661
Applicable Applications for anti-DDX3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human DDX3/DEAD-box Protein 3 around the phosphorylation site of threonine 322 (V-A-TP-P-G).
All Sites	Human: Thr322 Mouse: Thr322 Rat: Thr323
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

serum +- Immunohistochemistry analysis of paraffin-embedded human brain tissue using DDX3/DEAD-box Protein 3 (Phospho-Thr322) antibody. Immunofluorescence analysis of HuvEc cells, treated with serum (20%, 30mins), using DDX3/DEAD-box Protein 3 (Phospho-Thr322) antibody.



Application Data

P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-DDX3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Chung J., Korean J. Biochem. 27:193-197(1995). Owsianka A.M., Virology 257:330-340(1999). Gevaert K., Proteomics 5:3589-3599(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	301171467
NCBI GeneID	1654
NCBI Accession #	NP_001180345.1
NCBI GenBank Nucleotide #	NM_001193416.2
UniProt Accession #	O00571; O15536; A8K538; B4E3E8
Molecular Weight	71,355 Da
NCBI Official Full Name	ATP-dependent RNA helicase DDX3X isoform 2
NCBI Official Synonym Full Names	DEAD-box helicase 3 X-linked
NCBI Official Symbol	DDX3X
NCBI Official Synonym Symbols	DBX; DDX3; HLP2; DDX14; CAP-Rf; MRX102
NCBI Protein Information	ATP-dependent RNA helicase DDX3X
UniProt Protein Name	ATP-dependent RNA helicase DDX3X
UniProt Gene Name	DDX3X
UniProt Synonym Gene Names	DBX; DDX3; HLP2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/ddx3-dead-box/112147>