



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

E11-0902A

**Catalog Number:** E11-0902A**Concentration:** 1mg/ml**Swiss-Prot No.:** O00571

**Other Names:** 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

**All Sites:** Human: Thr322; Mouse: Thr322; Rat: Thr323**Storage/Stability:** Store at -20°C/1 year

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**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-T<sup>P</sup>-P-G).

**Purification:** The antibody was 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.

**Specificity:** DDX3/DEAD-box Protein 3 (Phospho-Thr322) antibody detects endogenous levels of DDX3/DEAD-box Protein 3 only when phosphorylated at threonine 322.

**Reactivity:** Human, Mouse, Rat

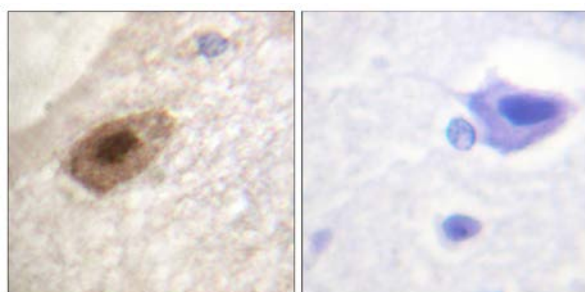
**Applications:** IHC: 1:50~1:100 IF: 1:100~1:500  
ELISA: 1:1000

**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).

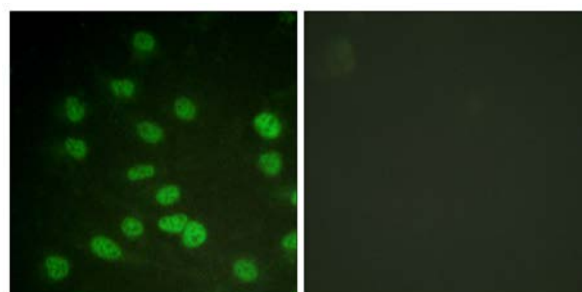


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human brain tissue using DDX3/DEAD-box Protein 3 (Phospho-Thr322) antibody.



serum

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Immunofluorescence analysis of HuvEc cells, treated with serum (20%, 30mins), using DDX3/DEAD-box Protein 3 (Phospho-Thr322) antibody.

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