Datasheet for ABIN1531579

anti-DDX5 antibody (pTyr593)

2 Images

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Overview

Quantity:	100 µL
Target:	DDX5
Binding Specificity:	AA 565-614, pTyr593
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human DDX5/DEAD-box Protein 5 around the phosphorylation site of Tyr593.
Isotype:	IgG
Specificity:	DDX5/DEAD-box Protein 5 (Phospho-Tyr593) Antibody detects endogenous levels of DDX5/DEAD-box Protein 5 only when phosphorylated at Tyr593. PhosphorylationH:Y593 M:Y593 R:Y593
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

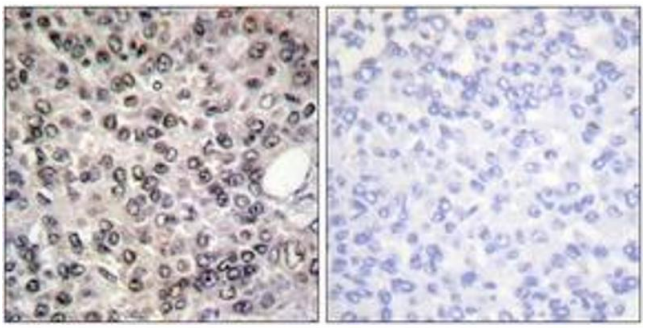
Target:	DDX5
Alternative Name:	DDX5/DEAD-Box Protein 5 (DDX5 Products)
Background:	Synonyms: DEAD-box protein 5, DEAD-box protein p68, HELR, HLR1, Probable RNA-dependent helicase p68 NCBI Gene Symbol: DDX5
Molecular Weight:	69 kDa
Gene ID:	1655
OMIM:	180630
UniProt:	P17844
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Nuclear Hormone Receptor Binding, Regulation of Muscle Cell Differentiation, Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.279806 (NCBI Gene Symbol: DDX5)
Restrictions:	For Research Use only

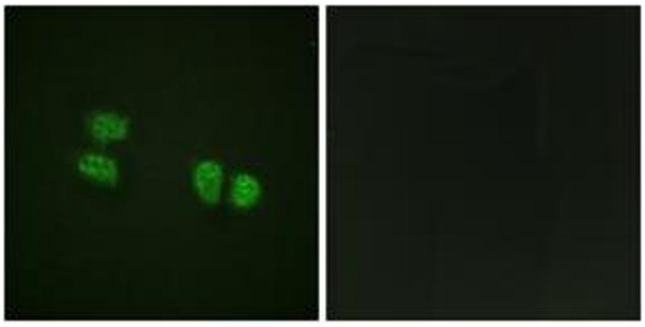
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using DDX5/DEAD-box Protein 5 (Phospho-Tyr593) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using DDX5/DEAD-box Protein 5 (Phospho-Tyr593) Antibody. The picture on the right is treated with the synthesized peptide.