

Datasheet for ABIN1531657

anti-HNRNP/AUF1 antibody (pSer83)



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3 Images

Overview

Quantity:	100 µL
Target:	HNRNP/AUF1 (HNRNP)
Binding Specificity:	AA 49-98, pSer83
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNP/AUF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human hnRPD around the phosphorylation site of Ser83.
Isotype:	IgG
Specificity:	hnRPD (Phospho-Ser83) Antibody detects endogenous levels of hnRPD only when phosphorylated at Ser83. PhosphorylationH:S83 M:S83 R:S81
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

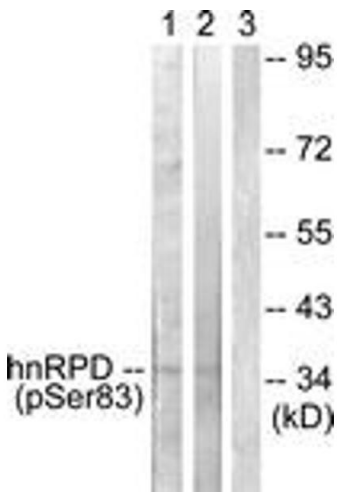
Target:	HNRNPD/AUF1 (HNRNPD)
Alternative Name:	HnRPD (HNRNPD Products)
Background:	Synonyms: ARE element RNA-binding protein AUF1, AU-rich element RNA-binding protein 1, AUF1, HNRPD, Heterogeneous nuclear ribonucleoprotein D, Heterogeneous nuclear ribonucleoprotein D0, ROD NCBI Gene Symbol: HNRNPD
Molecular Weight:	38 kDa
Gene ID:	3184
OMIM:	601324
UniProt:	Q14103

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.480073 (NCBI Gene Symbol: HNRNPD)
Restrictions:	For Research Use only

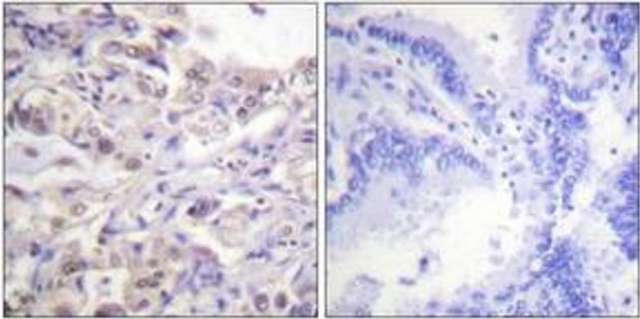
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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



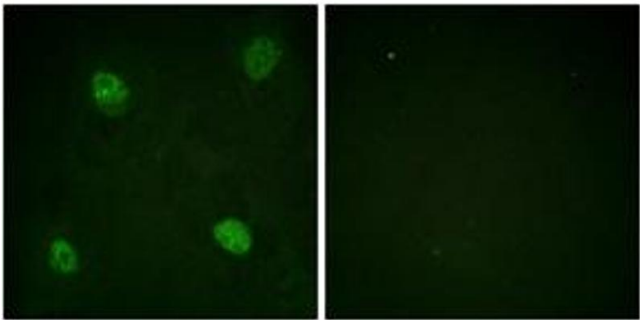
Western Blotting

Image 1. Western blot analysis of extracts from HuvEc and 293 cells, using hnRPD (Phospho-Ser83) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using hnRPD (Phospho-Ser83) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells, using hnRPD (Phospho-Ser83) Antibody. The picture on the right is treated with the synthesized peptide.