Datasheet for ABIN1532115

anti-ATR antibody (pSer428)

1 Image

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Overview

Quantity:	100 µL
Target:	ATR
Binding Specificity:	AA 394-443, pSer428
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATR antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ATR around the phosphorylation site of Ser428.
Isotype:	IgG
Specificity:	ATR (Phospho-Ser428) Antibody detects endogenous levels of ATR only when phosphorylated at Ser428. PhosphorylationH:S428
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

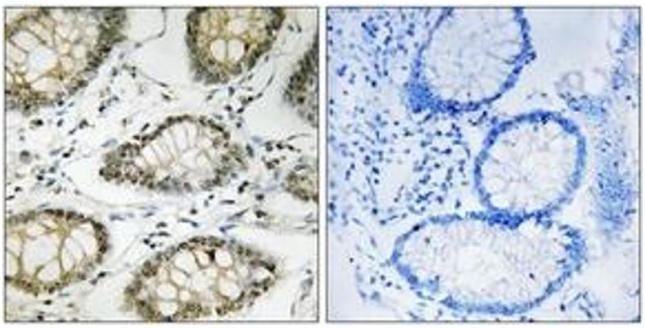
Target:	ATR
Alternative Name:	ATR (ATR Products)
Background:	Synonyms: ataxia telangiectasia and Rad3-related protein, FRAP-related protein, FRP1, kinase ATR, protein kinase ATR NCBI Gene Symbol: ATR
Molecular Weight:	301 kDa
Gene ID:	545
OMIM:	210600
UniProt:	Q13535
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	IHC: 1:50~1:100 ELISA: 1:40000
Comment:	Unigene-Number: Hs.271791 (NCBI Gene Symbol: ATR)
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 colon carcinoma, using ATR (Phospho-Ser428) Antibody. The picture on the right is treated with the synthesized peptide.