

Datasheet for ABIN6740216
anti-ATR antibody (Ser428)



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Overview

Quantity:	100 µg
Target:	ATR
Binding Specificity:	Ser428
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATR antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthesized non-phosphopeptide derived from human ATR around the phosphorylation site of Serine 428 (G-I-SP-P-K).
Isotype:	IgG
Specificity:	Recognizes endogenous levels of human total ATR protein.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	ATR
Alternative Name:	ATR (ATR Products)
Background:	Standard Gene Symbol: ATR, Gene Family: Protein Kinase, Gene Subfamily: PI3/PI4, Synonyms:

Target Details

	ATR, FRAP-related protein-1, FCTCS, SCKL1, MEC1, Protein kinase ATR, Rad3 related protein, SCKL, FRAP-related protein 1, FRP1
Gene ID:	545
UniProt:	Q13535
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	IHC (1:50 - 1:100)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS without Mg2+, Ca2+, pH 7.4, 0.02% sodium azide, 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.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Long term: -20°C, Short term: +4°C, Avoid freeze-thaw cycles.