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Datasheet for ABIN7114053 **anti-FBXO6 antibody**

Overview

Quantity:	100 µg
Target:	FBXO6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXO6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	F-box protein 6
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	FBXO6
Alternative Name:	FBXO6 (FBXO6 Products)
Background:	Synonyms:FBG2, FBS2, FBX6 Background:Substrate-recognition component of some SCF(SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complexes. Involved in endoplasmic reticulum-associated degradation pathway(ERAD) for misfolded luminal proteins by recognizing and binding sugar chains on unfolded glycoproteins that are retrotranslocated into

Target Details

the cytosol and promoting their ubiquitination and subsequent degradation. Able to recognize and bind denatured glycoproteins, which are modified with not only high-mannose but also complex-type oligosaccharides. Also recognizes sulfated glycans. Also involved in DNA damage response by specifically recognizing activated CHEK1(phosphorylated on 'Ser-345'), promoting its ubiquitination and degradation. Ubiquitination of CHEK1 is required to insure that activated CHEK1 does not accumulate as cells progress through S phase, or when replication forks encounter transient impediments during normal DNA replication.

Molecular Weight:	35 kDa
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Gene ID:	26270
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UniProt:	Q9NRD1
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Application Details

Application Notes:	WB: 1:500-1:2000, IHC: 1:20-1:200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
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Expiry Date:	12 months
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