Datasheet for ABIN952288

anti-FBXO4 antibody (Middle Region)

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Overview

Quantity:	0.4 mL
Target:	FBXO4
Binding Specificity:	AA 231-260, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXO4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 231~260 amino acids from the Center region of human FBXO4
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human FBXO4 (Center).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	FBXO4
Alternative Name:	FBXO4 (FBXO4 Products)
Background:	FBXO4 encodes a member of the F-box protein family which is characterized by an

Target Details

	approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein belongs to the Fbxs class.Synonyms: F-box only protein 4, FBX4
Molecular Weight:	44136 Da
Gene ID:	26272
NCBI Accession:	NP_036308

Application Details

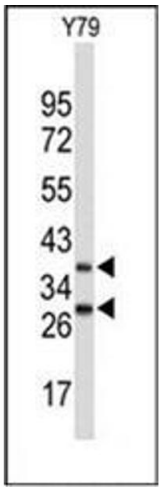
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
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 repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Publications

Product cited in:	Barbash, Zamfirova, Lin, Chen, Yang, Nakagawa, Lu, Rustgi, Diehl: "Mutations in Fbx4 inhibit dimerization of the SCF(Fbx4) ligase and contribute to cyclin D1 overexpression in human cancer." in: **Cancer cell**, Vol. 14, Issue 1, pp. 68-78, (2008) (PubMed).



Western Blotting

Image 1. Western blot analysis of FBXO4 Antibody (Center) in Y79 cell line lysates (35ug/lane). FBXO4 (arrow) was detected using the purified Pab.