

Datasheet for ABIN7152510
anti-FBXW7 antibody (AA 1-707) (Biotin)



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Overview

Quantity:	100 µg
Target:	FBXW7
Binding Specificity:	AA 1-707
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXW7 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human F-box/WD repeat-containing protein 7 protein (1-707AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FBXW7
Alternative Name:	FBXW7 (FBXW7 Products)
Background:	Background: Substrate recognition component of an SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent

Target Details

proteasomal degradation of target proteins. Recognizes and binds phosphorylated sites/phosphodegrons within target proteins and thereafter bring them to the SCF complex for ubiquitination (PubMed:17434132). Identified substrates include cyclin-E (CCNE1 or CCNE2), JUN, MYC, NOTCH1 released notch intracellular domain (NICD), and probably PSEN1 (PubMed:11565034, PubMed:12354302, PubMed:11585921, PubMed:15103331, PubMed:14739463, PubMed:17558397, PubMed:17873522, PubMed:22608923). Acts as a negative regulator of JNK signaling by binding to phosphorylated JUN and promoting its ubiquitination and subsequent degradation (PubMed:14739463).

Aliases: AGO antibody, Archipelago antibody, Archipelago homolog antibody, Archipelago, Drosophila, homolog of antibody, CDC4 antibody, CDC4, S.cerevisiae, homolog of antibody, DKFZp686F23254 antibody, F box and WD 40 domain protein 7 (archipelago homolog, Drosophila) antibody, F box and WD 40 domain protein 7 antibody, F box and WD repeat domain containing 7 antibody, F box protein FBW7 antibody, F box protein FBX30 antibody, F box protein SEL 10 antibody, F box protein SEL10 antibody, F-box and WD repeat domain containing 7, E3 ubiquitin protein ligase antibody, F-box and WD-40 domain-containing protein 7 antibody, F-box protein FBX30 antibody, F-box/WD repeat-containing protein 7 antibody, FBW6 antibody, FBW7 antibody, FBX30 antibody, FBXO30 antibody, FBXW6 antibody, FBXW7 antibody, FBXW7_HUMAN antibody, FLJ16457 antibody, hAgo antibody, hCdc4 antibody, Homolog of C elegans sel 10 antibody, Homolog of C.elegans sel10 antibody, SEL 10 antibody, SEL-10 antibody, SEL10 antibody

UniProt: [Q969H0](#)

Pathways: [Notch Signaling](#), [EGFR Signaling Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

Handling

handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.