

Datasheet for ABIN2786447

anti-FBXO33 antibody (Middle Region)





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Quantity:	100 μL	
Target:	FBXO33	
Binding Specificity:	Middle Region	
Reactivity:	Rat, Human, Mouse, Cow, Dog, Guinea Pig, Rabbit, Horse, Zebrafish (Danio rerio)	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This FBXO33 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FBXO33	
Sequence:	VIDTSGFPDL SDNRNEDPLV LLAWRCTKLS LLAIHGYTVW AHNLIAIARL	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%	
Characteristics:	This is a rabbit polyclonal antibody against FBXO33. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		
Target:	FBXO33	

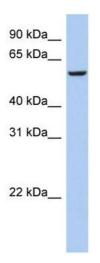
Target Details

Alternative Name:	FBXO33 (FBXO33 Products)	
Background:	FBXO33 is the substrate recognition component of a (SKP1-CUL1-F-box protein) E3 ubiquitin-	
	protein ligase complex which mediates the ubiquitination and subsequent proteasomal	
	degradation of target proteins. FBXO33 probably recognizes and binds to phosphorylated target	
	proteins. Recognizes YBX1. Members of the F-box protein family, such as FBX033, are	
	characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1	
	(MIM 601434), cullin (see CUL1, MIM 603134), and F-box proteins, act as protein-ubiquitin	
	ligases. F-box proteins interact with SKP1 through the F box, and they interact with	
	ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed	
	15520277]).[supplied by OMIM].	
	Alias Symbols: Fbx33, c14_5247, BMND12	
	Protein Interaction Partner: CUL1, YBX1, UBC,	
	Protein Size: 555	
Molecular Weight:	62 kDa	
Gene ID:	254170	
NCBI Accession:	NM_203301, NP_976046	
UniProt:	Q7Z6M2	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 555 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
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

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-FBXO33 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: Human Liver