

Datasheet for ABIN2786447

## anti-FBXO33 antibody (Middle Region)



[Go to Product page](#)

### 1 Image

#### Overview

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 LLAWRCKLS LLAIHGTYVW AHNLIARI
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
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## Target Details

Alternative Name:	FBXO33 ( <a href="#">FBXO33 Products</a> )
Background:	<p>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 FBXO33, 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].</p> <p>Alias Symbols: Fbx33, c14_5247, BMND12</p> <p>Protein Interaction Partner: CUL1, YBX1, UBC,</p> <p>Protein Size: 555</p>
Molecular Weight:	62 kDa
Gene ID:	254170
NCBI Accession:	<a href="#">NM_203301</a> , <a href="#">NP_976046</a>
UniProt:	<a href="#">Q7Z6M2</a>

## 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