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Datasheet for ABIN1400748

**anti-FBXW12 antibody (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	FBXW12
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXW12 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FBXW12/FBXO35
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	FBXW12
Alternative Name:	FBXW12 ( <a href="#">FBXW12 Products</a> )
Background:	Synonyms: F box and WD 40 domain containing protein 12; F box and WD 40 domain protein 12; F box and WD repeat domain containing 12; F box and WD40 repeat containing protein; F box only protein 35; F box/WD repeat containing protein 12; F-box and WD-40 domain-containing protein 12; F-box only protein 35; F-box/WD repeat-containing protein 12; Fbw12;

## Target Details

FBW12\_HUMAN; FBX12; FBXO12; FBXO35; FBXW 12; FBXW12.

Background: Belonging to the F-box family of proteins, FBXO35 (F-box only protein 35), also designated F-box and WD-40 domain-containing protein 12 (FBXW12 or FBXO12), is a 464 amino acid protein that contains one C-terminal F-box domain. F-box proteins are critical components of the SCF (Skp1-CUL-1-F-box protein)-type E3 ubiquitin ligase complex and are involved in substrate recognition and recruitment for ubiquitination. They are members of a larger family of proteins that are involved in the regulation of a wide variety of cellular mechanisms, including the cell cycle, the immune response, signaling cascades and developmental processes. They function by targeting proteins, such as cyclins, cyclin-dependent kinase inhibitors, I<sup>B</sup>- $\alpha$  and -catenin, for degradation by the proteasome after ubiquitination. Via its F-box domain, FBXO35 can directly interact with Skp1 p19 and CUL-1. FBXO35 is ubiquitously expressed at low levels in most human tissues.

Gene ID: 285231

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1  $\mu$ g/ $\mu$ L

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months