



[Go to Product page](#)

Datasheet for ABIN1418615
anti-FBXW12 antibody (Cy3)

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | FBXW12 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FBXW12 antibody is conjugated to Cy3 |
| 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 (FBXW12 Products) |
| 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^B- κ 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 μ g/ μ 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