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Datasheet for ABIN1711540
anti-FBXO45 antibody (AA 110-210) (HRP)

Overview

Quantity:	100 µL
Target:	FBXO45
Binding Specificity:	AA 110-210
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXO45 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FBXO45
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Sheep,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FBXO45
Alternative Name:	FBXO45 (FBXO45 Products)

Target Details

Background: Synonyms: F box protein 45, F-box only protein 45, F-box/SPRY domain-containing protein 1, FBSP1_HUMAN, FBX45, fbxo45, hFbxo45.

Background: Belonging to the F-box family of proteins, FBXO45 is a 286 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 protein 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, IB- and -catenin, for degradation by the proteasome after ubiquitination. Via its F-box domain, FBXO45 can directly interact with Skp1 p19 and CUL-1. FBXO45 has been shown to be an estrogen-induced gene.

Gene ID: 200933

UniProt: [P0C2W1](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Handling

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

Expiry Date: 12 months