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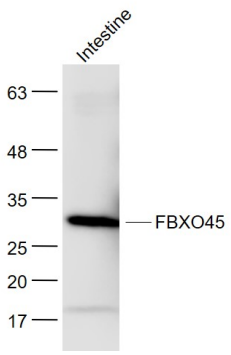
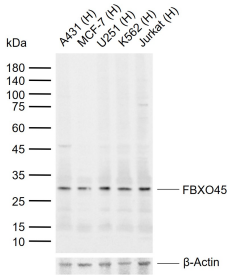
FBXO45 Rabbit pAb

Catalog Number:	bs-13150R
Target Protein:	FBXO45
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Human, Mouse, Rat
Predicted MW:	31 kDa
Entrez Gene:	200933
Swiss Prot:	P0C2W1
Source:	KLH conjugated synthetic peptide derived from human FBXO45: 110-210/286.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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, I˚B-å 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.

VALIDATION IMAGES



Sample: Intestine(Mouse) Lysate at 40 ug Primary: Anti-FBXO45 (bs-13150R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 31 kD Observed band size: 31 kD



Sample: Lane 1: Human A431 cell lysates Lane 2: Human MCF-7 cell lysates Lane 3: Human U251 cell lysates Lane 4: Human K562 cell lysates Lane 5: Human Jurkat cell lysates Primary: Anti-FBXO45 (bs-13150R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 31 kDa Observed band size: 30 kDa