

Allgemeine Informationen

Katalog-Nr.: 18321-1-AP	GenBank-Zugangsnummer: BC014297	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 650 µg/ml von Nanodrop;	GeneID (NCBI): 54461	Empfohlene Verdünnungen: WB 1:500-1:3000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: F-box and WD repeat domain containing 5	
Isotyp: IgG	Berechnete Masse: 64 kDa	
Immunogen Katalognummer: AG13163	Beobachtete Masse: 65 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, K-562-Zellen IHC : Maushodengewebe, humanes Nierengewebe
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

F-box proteins have been shown to be critical for the ubiquitin-mediated degradation of cellular regulatory proteins, and they are a family of eukaryotic proteins characterized by an approximately 40 amino acid motif. SCF complex, a class of ubiquitin ligases, consists of invariable components, Skp1 and Cullin, and variable components of F-box proteins, which have a primary role in determining substrate specificity. FBXW5 (F-box/WD repeat-containing protein 5) is a novel protein containing WD-40 repeats, which were frequently involved in protein-protein interactions. FBXW5 negatively regulates TAK1 in the IL-1beta signaling pathway. By forming different E3 ubiquitin-protein ligase complexes, FBXW5 mediates the polyubiquitination and subsequent degradation of TSC2 and centriolar protein HsSAS-6.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Nan Song	28722108	J Cell Physiol	WB

Lagerung

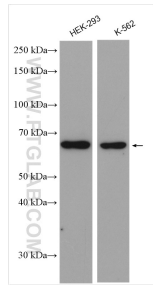
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

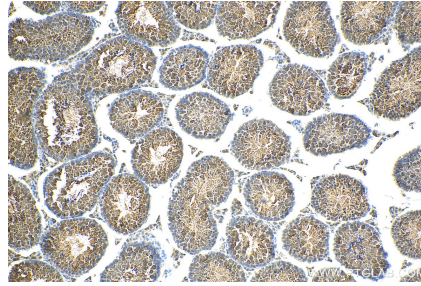
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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 18321-1-AP (FBXW5 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 18321-1-AP (FBXW5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).