

Allgemeine Informationen

Katalog-Nr.: 13211-1-AP	GenBank-Zugangsnummer: BC031637	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 400 µg/ml von Nanodrop und 267 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 55236	Empfohlene Verdünnungen: WB 1:1000-1:5000 IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: ubiquitin-like modifier activating enzyme 6	
Isotyp: IgG	Berechnete Masse: 1052 aa, 118 kDa	
Immunogen Katalognummer: AG4000	Beobachtete Masse: 118 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, humanes Hirngewebe IHC : Maushodengewebe, Maushirngewebe IF : SH-SY5Y-Zellen,
In Publikationen genannte Anwendungen: IHC, IP, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

UBA6(Ubiquitin-like modifier-activating enzyme 6) is also named as MOP4, UBE1L2 and belongs to the ubiquitin-activating E1 family. It probably acts as a single molecule like UBE1 and not as a heterodimeric E1 complex, as formed by AOS1/Uba2 and APP-BP1/Uba3. UBA6 is even more restricted in distribution because it is only found in vertebrates but not in lower organisms so that it might have a specialized role in tissues of higher organisms, and in particular, in the testis, where it is expressed by far most abundantly.(PMID:17580310). It has 4 isoforms produced by alternative splicing. This antibody recognizes the full-length(118 kDa) and the truncated isoform CRA_b (60-70 kDa) of UBA6 (NCBI).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Lei Zhang	36109526	Nat Commun	WB,IHC,IP

Lagerung

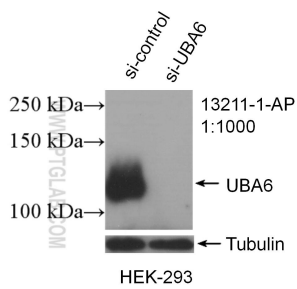
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

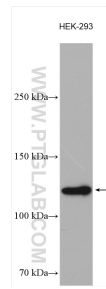
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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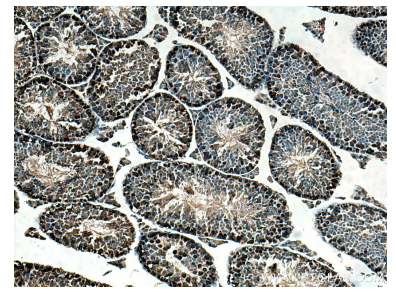
Ausgewählte Validierungsdaten



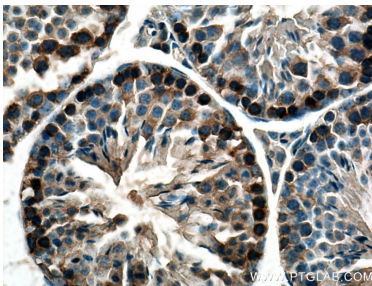
WB result of UBA6 antibody (13211-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-UBA6 transfected HEK-293 cells.



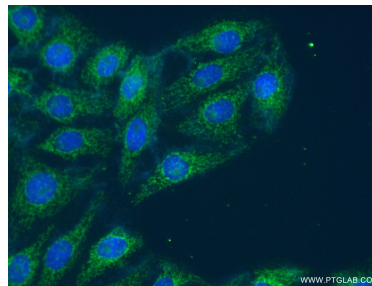
HEK-293 cells were subjected to SDS PAGE followed by western blot with 13211-1-AP (UBA6 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13211-1-AP (UBA6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13211-1-AP (UBA6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using 13211-1-AP (UBA6 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).