

Nur für Forschungszwecke

UBC9-Specific Polyklonaler Antikörper



Katalog-Nr.:14837-1-AP

1 Publikationen

Allgemeine Informationen

Katalog-Nr.: 14837-1-AP	GenBank-Zugangsnummer: NM_003345	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 650 µg/ml von Nanodrop und 333 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 7329	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:250-1:1000
Wirt: Kaninchen	Vollständiger Name: ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)	
Isotyp: IgG	Berechnete Masse: 18 kDa	
	Beobachtete Masse: 18 kDa	

Anwendungen

Geprüfte Anwendungen:
FC, IHC, WB,ELISA

In Publikationen genannte Anwendungen:
IF, 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.

Positivkontrollen:

WB : HEK-293-Zellen, humanes Hodengewebe, Jurkat-Zellen, U-937-Zellen

IHC : humanes Mammakarzinomgewebe, humanes Lungenkarzinomgewebe

Hintergrundinformationen

UBC9 is also named as UBE2I, UBCE9 and belongs to the ubiquitin-conjugating enzyme family. It is a homologue of the E2 ubiquitin conjugating enzyme and participates in the covalent linking of SUMO-1 molecule to the target protein. This protein is present at a high level in spleen and lung. Moderate level of UBC9 is detected in kidney and liver. Low amount of UBC9 is observed in brain, whereas the 18 kDa band of UBC9 is barely visible or absent in heart and skeletal muscle. In heart and muscle extracts the UBC9 antibodies recognizes a 38 kDa protein band, but this band is not visible in extracts of other rat tissues(PMID:14739995).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Orhi Barroso-Gomila	34795231	Nat Commun	WB,IF

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

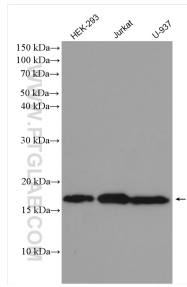
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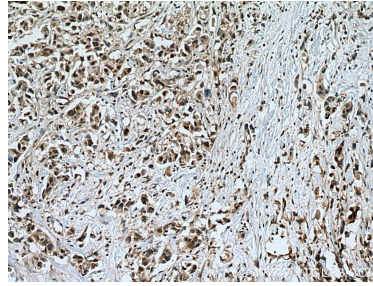
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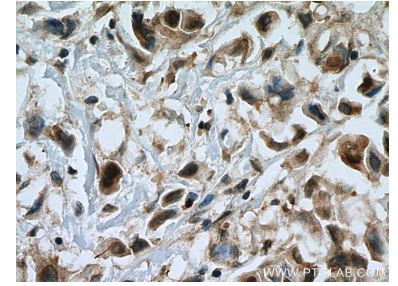
Ausgewählte Validierungsdaten



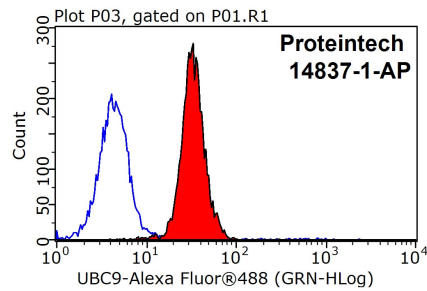
Various lysates were subjected to SDS PAGE followed by western blot with 14837-1-AP (UBC9-Specific antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14837-1-AP (UBC9-Specific antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14837-1-AP (UBC9-Specific antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HepG2 cells were stained with 0.2ug UBC9-Specific antibody (14837-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.