Nur für Forschungszwecke

PAX6 Polyklonaler Antikörper

Katalog-Nr.:12323-1-AP Vorgestelltes Produkt 47 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
12323-1-AP

Größe:
150ul , Konzentration: 900 μg/ml von Nanodrop und 400 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG2984

GenBank-Zugangsnummer:
BC011953

GeneID (NCBI):
5080

Vollständiger Name:
paired box 6

Berechneté Masse:
47 kDa

Beobachteté Masse:
47 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:3000
IHC 1:500-1:2000
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : Y79-Zellen, humanes Magengewebe, Mausembryogewebe, Rattenhirngewebe

IHC : Maushirngewebe, humanes Retinoblastom-Gewebe, Maus-Augengewebe, Mausembryogewebe

IF : Maushirngewebe, iPS-Zellen, Neuro-2a-Zellen

Hintergrundinformationen

PAX6, a paired domain and homeodomain-containing transcription factor. Interaction with TRIM11 leads to ubiquitination of PAX6 and its proteasomal degradation. PAX6 is one of the earliest genes expressed in the eye field and considered a master control gene for retinal and eye development. PAX6 also regulates the development of the olfactory, central nervous systems, pituitary, and pancreas. PAX6 mutations can cause complex ocular disorders such as aniridia and Peter's anomaly.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xin Wen	36249018	Front Oncol	WB
Xi Gu	36074953	ACS Chem Neurosci	IF
Philip G Zaworski	36058293	Anal Biochem	WB

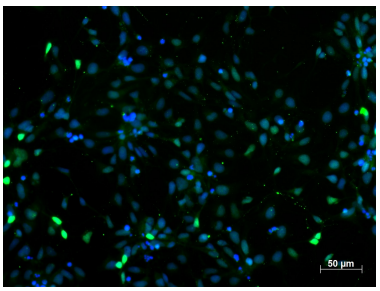
Lagerung

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

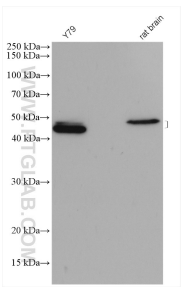
*** 20ul-Größen enthalten 0.1% BSA

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

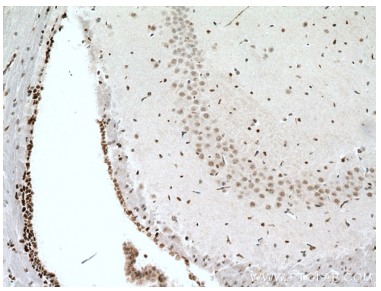
Ausgewählte Validierungsdaten



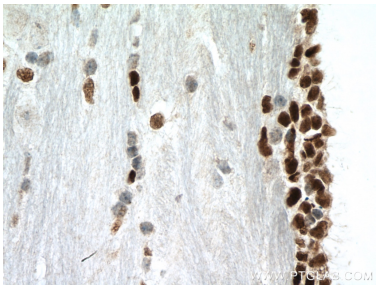
Immunofluorescent staining of PAX6 (12323-1-AP, 1:250 dilution) with 4% PFA fixed control human induced pluripotent stem cells (hiPSC) derived neuronal precursor cells (NPCs). (Green: PAX6; Blue: DAPI). Provided by BioTalentum Ltd., Hungary.



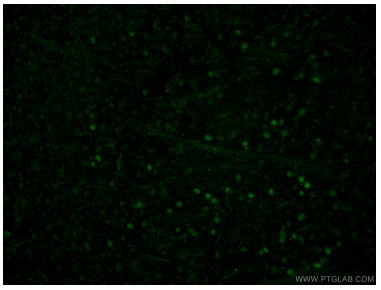
Various lysates were subjected to SDS PAGE followed by western blot with 12323-1-AP (PAX6 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



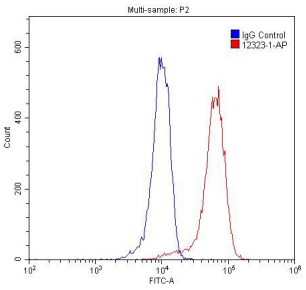
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12323-1-AP (PAX6 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12323-1-AP (PAX6 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 12323-1-AP (PAX6 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10^6 SH-SY5Y cells were stained with 0.2ug PAX6 antibody (12323-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.