

Allgemeine Informationen

Katalog-Nr.: 20310-1-AP	GenBank-Zugangsnummer: BC009748	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 200 µg/ml von Nanodrop und 153 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1816	Empfohlene Verdünnungen: WB 1:500-1:3000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: dopamine receptor D5	
Isotyp: IgG	Berechnete Masse: 477 aa, 53 kDa	
Immunogen Katalognummer: AG14145	Beobachtete Masse: 50-53 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IHC, WB, ELISA	Positivkontrollen: WB : Maushirngewebe, Rattenhirngewebe IHC : Maushirngewebe,
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.

Hintergrundinformationen

DRD5, is a G-protein coupled receptor and involved in diversified physiological and pathological processes. this receptor stimulates adenylyl cyclase activity and is expressed in the limbic area of the mammalian brain(PMID:14699430). Studies have shown that DRD5 is highly expressed in colonic macrophages and DRD5 deficiency exacerbates DSS(dextran sodium sulfate)-induced colitis(PMID:34001860). in addition, DRD5 agonists were potent inhibitors of pituitary tumor growth(PMID:28613975).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Gongliang Zhang	31491076	ACS Chem Neurosci	WB
Magdalena Kurnik-Lucka	34884737	Int J Mol Sci	IHC
Lu Liu	34001860	Cell Death Dis	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**

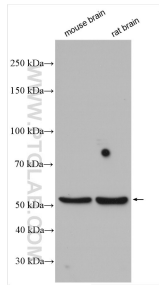
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

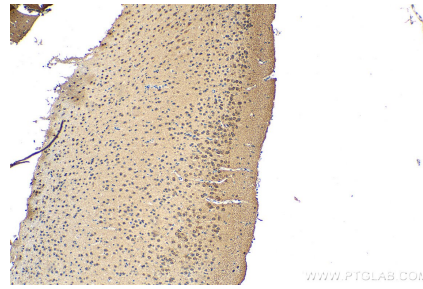
E: proteintech@ptglab.com
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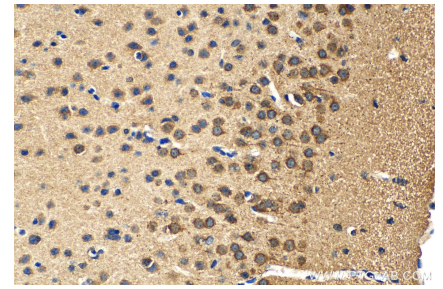
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 20310-1-AP (DRD5 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



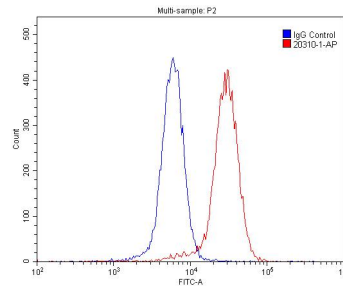
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20310-1-AP (DRD5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20310-1-AP (DRD5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 20310-1-AP (DRD5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



1x10⁶ SH-SY5Y cells were stained with 0.2ug DRD5 antibody (20310-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.