

Nur für Forschungszwecke

GNRHR Polyklonaler Antikörper

Katalog-Nr.:19950-1-AP

23 Publikationen



Allgemeine Informationen

Katalog-Nr.: 19950-1-AP	GenBank-Zugangsnummer: NM_000406	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 800 µg/ml von Nanodrop;	GeneID (NCBI): 2798	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: GnRH receptor	
Isotyp: IgG	Berechnete Masse: 38 kDa	
	Beobachtete Masse: 60-70 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IHC, WB, ELISA	Positivkontrollen: WB : MCF-7-Zellen, Maus-Eierstockgewebe
In Publikationen genannte Anwendungen: FC, IF, IHC, WB	IHC : Maus-Eierstockgewebe, humanes Eierstockgewebe, humanes Hodengewebe, Maushodengewebe
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Hausschwein, 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

GNRHR, also named as GRHR, belongs to the G-protein coupled receptor 1 family. GNRHR is a receptor for GnRH that mediates the action of GnRH to stimulate the secretion of the gonadotropic hormones luteinizing hormone (LH) and follicle-stimulating hormone (FSH). It mediates its action by association with G-proteins that activate a phosphatidylinositol-calcium second messenger system. Isoform2 of GNRHR may act as an inhibitor of GnRH-R signaling. Defects in GNRHR are a cause of idiopathic hypogonadotropic hypogonadism (IHH). Defects in GNRHR are a cause of fertile eunuch syndrome. The antibody only recognizes the isoform1 of GNRHR. The predicted unmodified molecular weight of the human GNRHR is ~38 kDa, the larger band (50-65 kDa) is likely to represent a glycosylated form of GNRHR.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Eszter Lajkó	30344773	Beilstein J Org Chem	
Ivan Randelović	31557968	Int J Mol Sci	WB,FC
Jingyuan Xiong	36106654	Mol Nutr Food Res	IHC

Lagerung

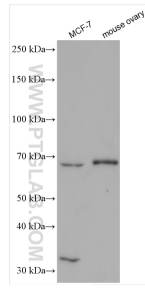
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

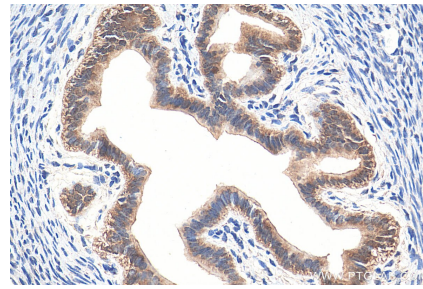
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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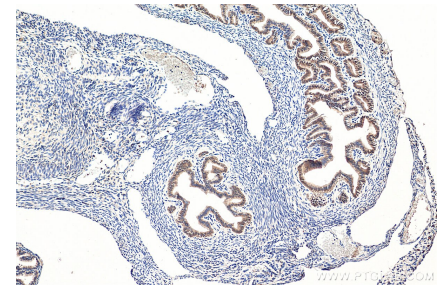
Ausgewählte Validierungsdaten



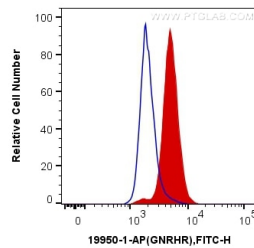
Various lysates were subjected to SDS PAGE followed by western blot with 19950-1-AP (GNRHR antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 19950-1-AP (GNRHR antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 19950-1-AP (GNRHR antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ MCF-7 cells were intracellularly stained with 0.2 ug Anti-Human GNRHR (19950-1-AP) (red) or 0.2 ug Control Antibody (blue), and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).