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anti-GPR151 antibody (Extracellular Domain)





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Purification:

Quantity:	50 μg	
Target:	GPR151	
Binding Specificity:	Extracellular Domain	
Reactivity:	Human, Monkey	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GPR151 antibody is un-conjugated	
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Brand:	IHC-plus™	
Immunogen:	Synthetic 19 amino acid peptide from 3rd extracellular domain of human GPR151. Percent identity with other species by BLAST analysis: Human, Gorilla, Marmoset (100%), Gibbon (95%), Elephant (89%).	
	Type of Immunogen: Synthetic peptide	
Specificity:	Human GPR151. BLAST analysis of the peptide immunogen showed no homology with other human proteins.	
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Marmoset (100%)	

Gibbon (95%) Elephant (89%).

Immunoaffinity purified

Target Details

Larget Details		
Target:	GPR151	
Alternative Name:	GPR151 (GPR151 Products)	
Background:	Name/Gene ID: GPR151	
	Subfamily: Orphan-U	
	Family: GPCR	
	Synonyms: GPR151, AXOR40, G protein-coupled receptor 151, Galanin receptor 4, GALR4,	
	GPCR-2037, HGPRBMY7, GALRL, PGR7	
Gene ID:	134391	
Application Details		
Application Notes:	Approved: IHC, IHC-P (5 - 7.5 μg/mL)	
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry	
	on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced	
	antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were	
	incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin	
	and chromogen. The stained slides were evaluated by a pathologist to confirm staining	
	specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL	
Comment:	Target Species of Antibody: Human	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	

Format:	Liquid	
Concentration:	Lot specific	
Buffer:	PBS, less than 0.1 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for	

up to 1 month. Avoid freeze-thaw cycles.

Expiry Date:

12 months

Images

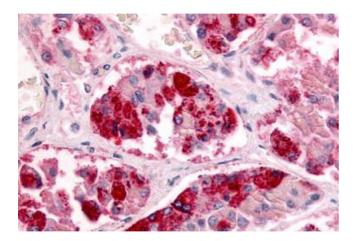
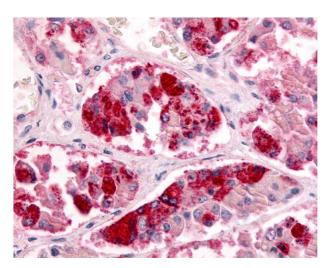


Image 1. Anterior Pituitary Cells



Immunohistochemistry

Image 2. Anti-GPR151 antibody IHC of human pituitary. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval.