



Anti-GAL (internal region) polyclonal antibody (DPAB-DC2117)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Galanin is small neuropeptide that functions as a cellular messenger within the central and peripheral nervous systems, modulating diverse physiologic functions (Mechenthaler, 2008 [PubMed 18500643]).[supplied by OMIM, Jan 2009]
Immunogen	A synthetic peptide corresponding to internal region of human GAL. The sequence is C-HRSFSDKNGLTSK
Source/Host	Goat
Species Reactivity	Human, Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), IHC-Fr, ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GAL_galanin/GMAP_prepropeptide [Homo sapiens (human)]
Official Symbol	GAL
Synonyms	GAL; galanin/GMAP prepropeptide; GALN; GLNN; GMAP; GAL-GMAP; galanin peptides; galanin prepropeptide; galanin-related peptide; galanin-message-associated peptide;
Entrez Gene ID	51083
Protein Refseq	NP_057057
UniProt ID	P22466
Chromosome Location	11q13.3
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; Peptide ligand-binding receptors; Signaling by GPCR
Function	neuropeptide hormone activity; protein binding;