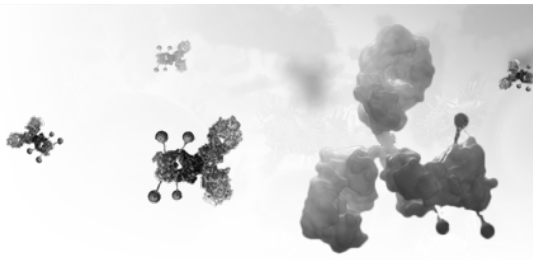

Anti-SLC18A3 (C-terminal) polyclonal antibody (DPAB2401GR)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Vesicular acetylcholine Transporter
Antigen Description	The Vesicular acetylcholine transporter (VAChT) is a neurotransmitter transporter which is responsible for loading acetylcholine (ACh) into secretory organelles in neurons making acetylcholine available for secretion.
Specificity	The antiserum against the vesicular acetylcholine transporter is a unique immunohistochemical marker for cholinergic nerves, more specific than the commonly used acetylchiolinesterase (AchE), since it does not react with postsynaptic neurons, and is more
Immunogen	Synthetic peptide from the C-terminus of rat VAChT conjugated to BSA
Source/Host	Guinea pig
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	IHC-Fr, IF
Positive Control	Frozen sections of rat small intestine
Format	Guinea pig serum
Size	50 µl
Buffer	Dissolve in 50 – 100 µl distilled water, and dilute further with 0.1M PBS with 1% BSA and 0.1% Naazide
Preservative	0.1% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	At 2-8℃ (undiluted) or at -20℃ (aliquots)

GENE INFORMATION

Gene Name	Slc18a3 solute carrier family 18 (vesicular acetylcholine), member 3 [Rattus norvegicus]
Official Symbol	Slc18a3
Synonyms	Slc18a3; solute carrier family 18 (vesicular acetylcholine), member 3; rVAT; VACht; vesicular acetylcholine transporter; solute carrier family 18, member 3; solute carrier family 18 (vesicular monoamine) member 3
Entrez Gene ID	60422
Protein Refseq	NP_113851
UniProt ID	Q62666
Chromosome Location	16p16
Pathway	Acetylcholine Neurotransmitter Release Cycle; Cholinergic synapse; Neuronal System; Neurotransmitter Release Cycle; Synaptic vesicle cycle; Transmission across Chemical Synapses
Function	acetylcholine binding; acetylcholine transmembrane transporter activity

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221