

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human VAMP-8 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human VAMP-8 Met1-Lys75 Accession # Q9BV40
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

VAMP-8 (vesicle associated membrane protein 8; also endobrevin) is a 12 kDa member of the synaptobrevin family of proteins. It is a type IV transmembrane (TM) protein (i.e. - a type II TM protein whose C-terminus is predominately transmembrane) that is found in cells involved in vesicle release (platelets, mast cells and pancreatic acinar cells). It regulates exocytosis and decouples granule release from cytokine release. Human VAMP-8 is 100 amino acids (aa) in length. It contains a vSNARE coiled-coil homology region (aa 12-72) and a membrane-anchor domain (aa 76-96). Over aa 1-75, human VAMP-8 shares 93% aa identity with mouse VAMP-2.

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