

GLYATL2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12975**Specification**

GLYATL2 antibody - middle region - Product Information

Application	WB
Primary Accession	O8WU03
Other Accession	NM_145016 , NP_659453
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34kDa KDa

GLYATL2 antibody - middle region - Additional Information**Gene ID** 219970**Alias Symbol** **BXMAS2-10, GATF-B, MGC24009****Other Names**

Glycine N-acyltransferase-like protein 2, 2.3.1.13, Acyl-CoA:glycine N-acyltransferase-like protein 2, GLYATL2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-GLYATL2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

GLYATL2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

GLYATL2 antibody - middle region - Protein Information**Name** GLYATL2 ([HGNC:24178](#))**Function**

Mitochondrial acyltransferase which transfers the acyl group to the N-terminus of glycine (PubMed: [22475485](http://www.uniprot.org/citations/22475485), PubMed: [20305126](http://www.uniprot.org/citations/20305126)). Conjugates numerous substrates, such as arachidonoyl-CoA and saturated medium and long-chain acyl-CoAs ranging from chain-length C8:0-CoA to C18:0-CoA, to form a variety of N-acylglycines. Shows a preference for monounsaturated fatty acid oleoyl-CoA (C18:1-CoA) as an acyl donor. Does not exhibit any activity toward C22:6-CoA and chenodeoxycholoyl-CoA, nor toward serine or alanine (PubMed: [20305126](http://www.uniprot.org/citations/20305126))

target="_blank">20305126).

Cellular Location

Endoplasmic reticulum

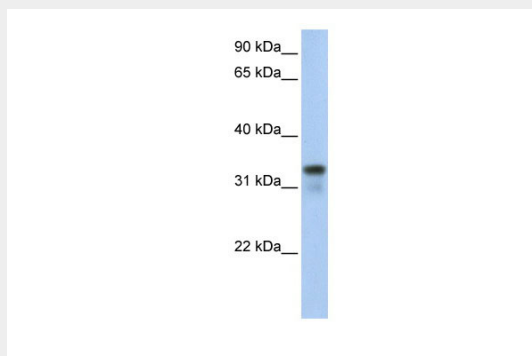
Tissue Location

Expressed at highest levels in salivary gland and trachea. Also detected in thyroid gland, spinal cord, prostate, lung and fetal brain.

GLYATL2 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GLYATL2 antibody - middle region - Images

WB Suggested Anti-GLYATL2 Antibody Titration: 0.2-1 µg/ml
Positive Control: 721_B cell lysate

GLYATL2 antibody - middle region - References

Nakayama Y., et al. Submitted (SEP-2001) to the EMBL/GenBank/DDBJ databases.
Matsuo M., et al. Biochem. Biophys. Res. Commun. 420:901-906(2012).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Waluk D.P., et al. FASEB J. 24:2795-2803(2010).
Waluk D.P., et al. J. Biol. Chem. 287:16158-16167(2012).