ESYT2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ESYT2, Polyclonal Antibody
Full Product Name	ESYT2 Antibody, Biotin conjugated
Product Gene Name	anti-ESYT2 antibody
Product Synonym Names	Extended synaptotagmin-2; E-Syt2; Chr2Syt; ESYT2; FAM62B; KIAA1228
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: ESYT2 (MBS7106899) Biotin Conjugated Antibody: ESYT2 (MBS7106902)
Molecular Weight	104,708 Da
3D Structure	ModBase 3D Structure for A0FGR8
Immunogen	Recombinant Human Extended synaptotagmin-2 protein (567-736AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-ESYT2 antibody	Cell Biology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ESYT2 antibody	ELISA (EIA)
Related Product Information for anti-ESYT2 antibody	Tethers the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane. Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport. Plays a role in FGF signaling via its role in the rapid internalization of FGFR1 that has been activated by FGF1 binding; this occurs most likely via the AP-2 complex.
Other Notes	Small volumes of anti-ESYT2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ESYT2 purchase	MBS7106902 is an antibody targeting ESYT2. Also known as ESYT2 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ESYT2. It may not necessarily be applicable to this product.

NCBI GI #	45387945
NCBI GeneID	57488
NCBI Accession #	NP_065779.1
UniProt Primary Accession #	A0FGR8
UniProt Secondary Accession #	Q69YJ2; Q6UKI4; Q6ZTU0; Q6ZVU1; Q9BQS0; Q9NW47; Q9ULJ2; A4D229
UniProt Related Accession #	A0FGR8
GenBank Nucleotide #	NM_020728.2
NCBI Official Full Name	extended synaptotagmin-2
NCBI Official Synonym Full Names	extended synaptotagmin 2
NCBI Official Symbol	ESYT2
NCBI Official Synonym Symbols	E-Syt2; FAM62B; CHR2SYT
UniProt Protein Name	Extended synaptotagmin-2
UniProt Synonym Protein Names	Chr2Syt
Protein Family	Extended synaptotagmin
UniProt Gene Name	ESYT2
UniProt Synonym Gene Names	FAM62B; KIAA1228; E-Syt2
NCBI Protein Information	extended synaptotagmin-2
Research Articles on ESYT2	**1.** ESyt2 and ESyt3, but not ESyt1, interact with activated FGFR1.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/esyt2/7106902