

Goat ESYT1 Polyclonal Antibody | anti-ESYT1 antibody

Goat Polyclonal to Human ESYT1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52275	Goat	Gibbon, Human, Monkey, Orangutan Predicted Reactivity: Mouse, Rat, Bat, Bovine, Dog, Horse, Pig (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

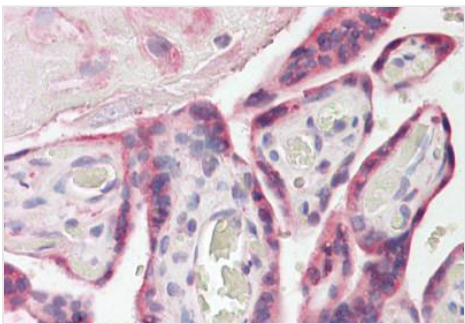
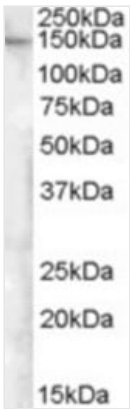
PRODUCT SYNONYMS

ESYT1; Polyclonal Antibody; Goat Polyclonal to Human ESYT1; Anti-ESYT1 Antibody (Internal) IHC-plus; E-Syt1; Extended synaptotagmin-1; KIAA0747; MBC2; FAM62A; Human ESYT1; anti-ESYT1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gibbon, Human, Monkey, Orangutan Predicted Reactivity: Mouse, Rat, Bat, Bovine, Dog, Horse, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ESYT1 / FAM62A.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	1104
Applicable Applications for anti-ESYT1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-QKKRTLSPEFNER from an internal region of human ESYT1 / FAM62A (NP_056107.1). Percent identity by BLAST analysis: Human, Orangutan, Gibbon, Monkey (100%); Mouse, Rat, Elephant, Panda, Dog, Bovine, Bat, Horse, Pig (92%).
Immunogen Type	Synthetic peptide
Immunogen	ESYT1 antibody was raised against synthetic peptide C-QKKRTLSPEFNER from an internal region of human ESYT1 / FAM62A (NP_056107.1). Percent identity by BLAST analysis: Human, Orangutan, Gibbon, Monkey (100%); Mouse, Rat, Elephant, Panda, Dog, Bovine, Bat, Horse, Pig (92%); Marmoset, Rabbit (85%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-ESYT1 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 3.75 ug/ml.

WB (Western Blot)
Antibody (0.5 ug/ml) staining of Human Adipose lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-ESYT1 antibody	ESYT1 (formerly FAM62A) belongs to a family of membranous calcium sensor proteins that contain multiple C2 domains. The C2 domains are involved in calcium binding and are found in proteins that function in membrane traffic and/or signal transduction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14149680
NCBI GeneID	23344
NCBI Accession #	NP_056107.1
NCBI GenBank Nucleotide #	NM_015292.2
UniProt Accession #	Q9BSJ8; O94848; Q6PJN4; Q9H6J1; Q9H6W2; Q9Y416; A0FGR7; A8K2S2
Molecular Weight	124,003 Da
NCBI Official Full Name	extended synaptotagmin-1 isoform 2
NCBI Official Synonym Full Names	extended synaptotagmin-like protein 1
NCBI Official Symbol	ESYT1
NCBI Official Synonym Symbols	MBC2; FAM62A
NCBI Protein Information	extended synaptotagmin-1; membrane-bound C2 domain-containing protein; family with sequence similarity 62 (C2 domain containing), member A
UniProt Protein Name	Extended synaptotagmin-1
UniProt Gene Name	ESYT1
UniProt Synonym Gene Names	FAM62A; KIAA0747; MBC2; E-Syt1
UniProt Entry Name	ESYT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.