

Rabbit ESYT1 Polyclonal Antibody | anti-ESYT1 antibody

Rabbit Polyclonal to Human ESYT1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51754	Rabbit	Bat, Gibbon, Bovine, Chimpanzee, Guinea pig, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Orangutan, Dog (at least 90% immunogen sequence identity)	Immunohistochemistry

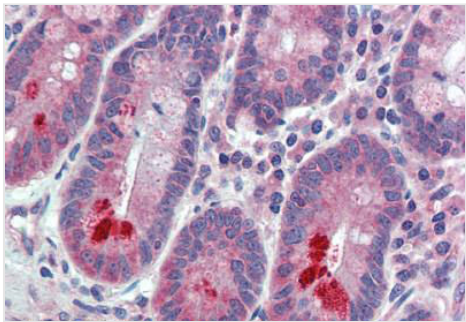
PRODUCT SYNONYMS

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

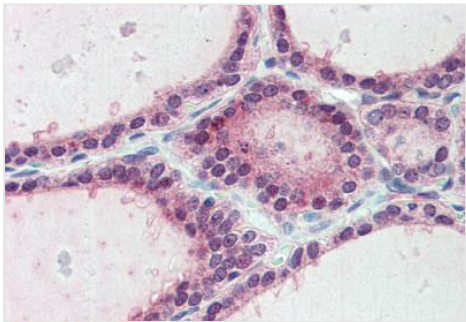
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Chimpanzee, Guinea pig, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Orangutan, Dog (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ESYT1 / FAM62A. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except ESYT2 (65%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1104
Applicable Applications for anti-ESYT1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from internal region of human ESYT1 / FAM62A. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Bovine, Bat, Horse, Rabbit, Pig, Guinea pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	ESYT1 antibody was raised against synthetic 17 amino acid peptide from internal region of human ESYT1 / FAM62A. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Bovine, Bat, Horse, Rabbit, Pig, Guinea pig (100%); Orangutan, Elephant, Panda, Dog (94%); Lizard (82%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-ESYT1 / FAM62A antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ESYT1 / FAM62A antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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.