

Rabbit ST7 Polyclonal Antibody | anti-ST7 antibody

ST7 Antibody (Center)

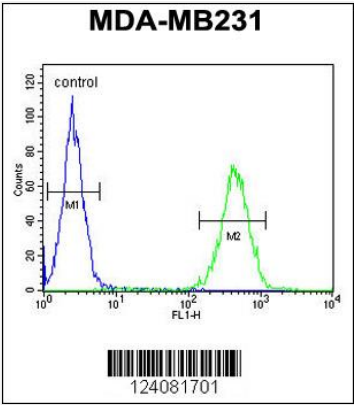
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288801	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Zebrafish, Monkey, Mouse, Pig, Rabbit, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

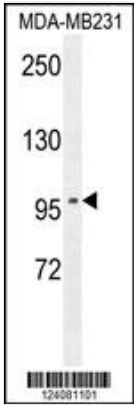
ST7; Polyclonal Antibody; ST7 Antibody (Center); Suppressor of tumorigenicity 7 protein; Protein FAM4A1; Protein HELG; FAM4A1; HELG; RAY1; anti-ST7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Zebrafish, Monkey, Mouse, Pig, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ST7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 169-197 amino acids from the Central region of human ST7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	169-197
Sequence Length	554
Applicable Applications for anti-ST7 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ST7 Antibody (Center) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
ST7 Antibody (Center) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the ST7 antibody detected the ST7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ST7 antibody	The gene for this product maps to a region on chromosome 7 identified as an autism-susceptibility locus. Mutation screening of the entire coding region in autistic individuals failed to identify phenotype-specific variants, suggesting that coding mutations for this gene are unlikely to be involved in the etiology of autism. The function of this gene product has not been determined. Transcript variants encoding different isoforms of this protein have been described.
Product Categories/Family for anti-ST7 antibody	Cancer
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Guilmatre, A., et al. Arch. Gen. Psychiatry 66(9):947-956(2009) de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11761624
NCBI GeneID	7982
NCBI Accession #	NP_060882.2; NP_068708.1
NCBI GenBank Nucleotide #	NM_018412.3
UniProt Accession #	Q9NRC1; Q5CZ72; Q7LE31; Q7LE32; Q8NA32; Q8NEJ8; Q8TDI9; Q9BWX3; Q9BWX4; Q9NRC2; Q9NXZ7; A4D0V2
Molecular Weight	67166
NCBI Official Full Name	suppressor of tumorigenicity 7 protein isoform a
NCBI Official Synonym Full Names	suppression of tumorigenicity 7
NCBI Official Symbol	ST7
NCBI Official Synonym Symbols	HELG; RAY1; SEN4; TSG7; ETS7q; FAM4A; FAM4A1
NCBI Protein Information	suppressor of tumorigenicity 7 protein
UniProt Protein Name	Suppressor of tumorigenicity 7 protein
UniProt Gene Name	ST7
UniProt Synonym Gene Names	FAM4A1; HELG; RAY1

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/st7-antibody-flow-cytometry-western-blot-elisa/288801>