

ARG45133 anti-ST7 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ST7
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	ST7
Species	Human
Immunogen	Synthetic peptide corresponding to internal region of human ST7.
Conjugation	Un-conjugated
Alternate Names	Suppressor of tumorigenicity 7 protein; Protein FAM4A1; Protein HELG; ST7; FAM4A1; HELG; RAY1; ETS7q; SEN4; Family With Sequence Similarity 4, Subfamily A, Member 1

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	67 kDa	

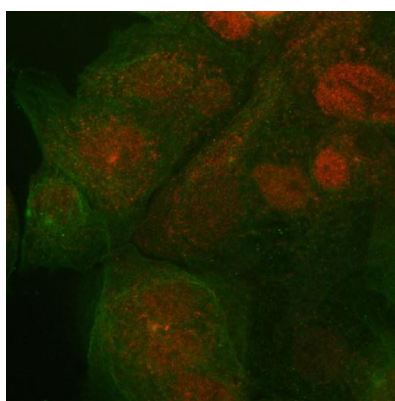
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

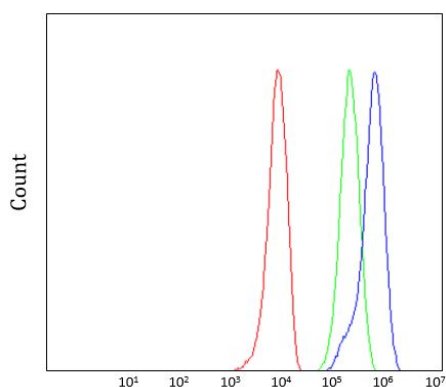
Gene Symbol	ST7
Gene Full Name	Suppression Of Tumorigenicity 7
Background	The gene for this product maps to a region on chromosome 7 identified as an autism-susceptibility locus. Mutation screening of the entire coding region in autistic individuals failed to identify phenotype-specific variants, suggesting 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. [provided by RefSeq, Jul 2008]
Function	May act as a tumor suppressor. [UniProt]
Calculated Mw	67 kDa
PTM	Glycoprotein; Phosphoprotein. [UniProt]
Cellular Localization	Membrane. [UniProt]

Images



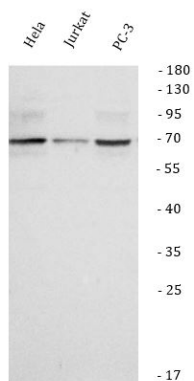
ARG45133 anti-ST7 antibody ICC/IF image

Immunofluorescence: A431 stained with ARG45133 anti-ST7 antibody at 5 ug/ml dilution.



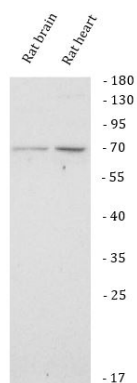
ARG45133 anti-ST7 antibody FACS image

Flow Cytometry: 293T stained with ARG45133 anti-ST7 antibody at 1 µg/10⁶ cells dilution.



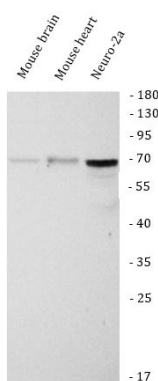
ARG45133 anti-ST7 antibody WB image

Western blot: HeLa, Jurkat, and PC-3 stained with ARG45133 anti-ST7 antibody at 0.5 µg/ml dilution.



ARG45133 anti-ST7 antibody WB image

Western blot: Rat brain and rat heart stained with ARG45133 anti-ST7 antibody at 0.5 µg/ml dilution.



ARG45133 anti-ST7 antibody WB image

Western blot: Mouse brain, mouse heart, and Neuro-2a stained with ARG45133 anti-ST7 antibody at 0.5 µg/ml dilution.