

ARG45292 anti-Syntaxin 18 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes Syntaxin 18
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	Syntaxin 18
Species	Human
Immunogen	Recombinant protein containing to human Syntaxin 18 .
Conjugation	Un-conjugated
Alternate Names	STX18; Syntaxin 18; Ufe1; Cell Growth-Inhibiting Gene 9 Protein; Syntaxin-18

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	39 kDa	

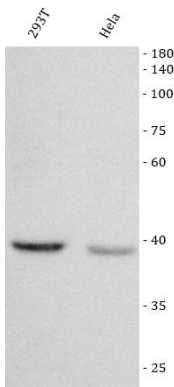
Properties

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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

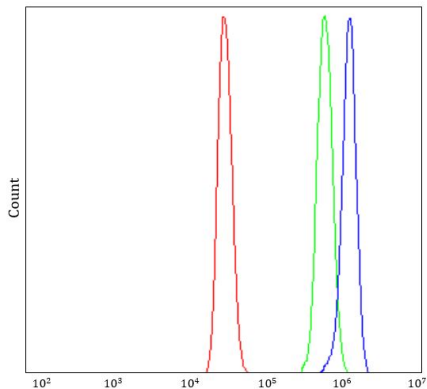
Gene Symbol	STX18
Gene Full Name	Syntaxin 18
Background	This gene encodes a member of the syntaxin family of soluble N-ethylmaleimide-sensitive factor attachment protein receptors (SNAREs) which is part of a membrane tethering complex that includes other SNAREs and several peripheral membrane proteins, and is involved in vesicular transport between the endoplasmic reticulum (ER) and the Golgi complex. The encoded protein is important for the organization of the smooth, rough, and exit site ER subdomains. A pseudogene of this gene has been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]
Function	Syntaxin that may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with the ER.1. [UniProt]
Calculated Mw	39 kDa
Cellular Localization	Endoplasmic reticulum; Golgi apparatus; Membrane. [UniProt]

Images



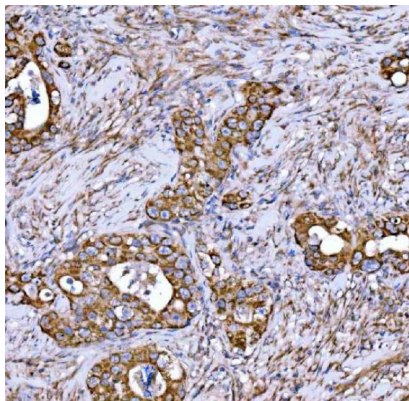
ARG45292 anti-Syntaxin 18 antibody WB image

Western blot: 293T and HeLa stained with ARG45292 anti-Syntaxin 18 antibody at 0.5 µg/ml dilution.



ARG45292 anti-Syntaxin 18 antibody FACS image

Flow Cytometry: U937 stained with ARG45292 anti-Syntaxin 18 antibody at 1 µg/10⁶ cells dilution.



ARG45292 anti-Syntaxin 18 antibody IHC-P image

Immunohistochemistry: Human appendix adenocarcinoma stained with ARG45292 anti-Syntaxin 18 antibody at 2 µg/ml dilution.