

Syntaxin 6 Polyclonal Antibody

Catalog number: 10841-1-AP

Size: 76 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

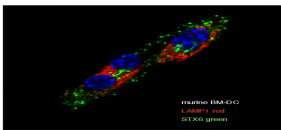
STX6; STX6, syntaxin 6

Background

Syntaxin-6 (STX6) is a SNARE protein located in the trans-Golgi network (TGN) and endosomes. It associates with a variety of SNARE proteins and is involved in intracellular vesicle trafficking. STX6 is required for sorting proteins from endosomes toward either the TGN or lysosomes.

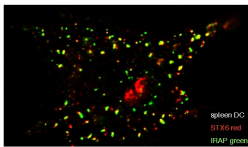
Applications

Tested applications:	ELISA, WB, IF, IP, IHC
Cited applications:	IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated Syntaxin 6 MW:	29 kDa
Observed Syntaxin 6 MW:	32 kDa
Positive WB detected in	Mouse brain tissue, human brain tissue, rat brain tissue
Positive IP detected in	Mouse brain tissue
Positive IHC detected in	Human prostate cancer tissue
Positive IF detected in	Murine BM-DC, murine Spleen-DC
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200



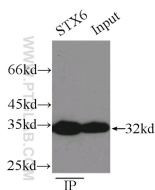
Murine bone marrow DC were stained with Rabbit anti-STX6 antibody (Proteintech) 1:2000 followed by goat anti-Rabbit Alexa 488 (Molecular Probes) antibodies.
Fluorescence detection: FFA-43.
For immunofluorescence and colocalization buffer PBS-G, 0.2% Triton-X, 0.2% BSA.
The secondary antibody for anti-Alexa 488 mouse monoclonal antibody were goat anti-mouse Alexa 555.

IF result of anti-STX6(10841-1-AP) in Murine BM-DC by Dr. LOREDANA SAVEANU.



Mouse spleen DC were stained with Rabbit anti-STX6 antibody (Proteintech) 1:2000 followed by goat anti-Rabbit Alexa 594 (Molecular Probes) antibodies.
Fluorescence detection: FFA-43.
For immunofluorescence and colocalization buffer PBS-G, 0.2% Triton-X, 0.2% BSA.
The secondary antibody for anti-Alexa 594 mouse monoclonal antibody were goat anti-mouse Alexa 488.

IF result of anti-STX6(10841-1-AP) in Murine Spleen-DC by Dr. LOREDANA SAVEANU.



IP Result of anti-STX6 (IP:10841-1-AP, 3µg; Detection:10841-1-AP 1:1000) with mouse brain tissue lysate 7000µg.

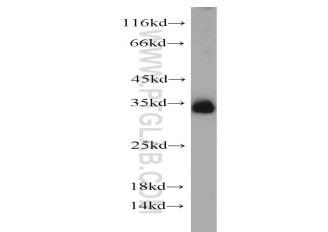
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

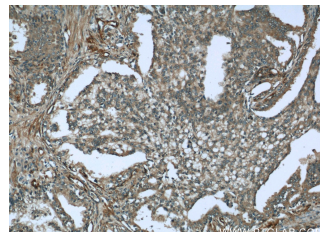
Immunogen:	Ag1284
GenBank accession number:	BC009944
Gene ID (NCBI):	10228
Full name:	Syntaxin 6

Product information

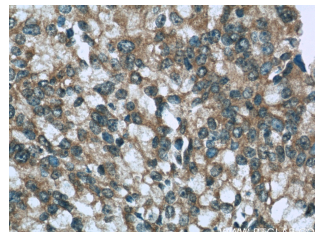
Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10841-1-AP(STX6 antibody) at dilution of 1:2000



Immunohistochemistry of paraffin-embedded human prostate cancer tissue slide using 10841-1-AP(STX6 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human prostate cancer tissue slide using 10841-1-AP(STX6 Antibody) at dilution of 1:50 (under 40x lens)