

## Syntaxin 8 Polyclonal Antibody

Catalog number: 12206-1-AP

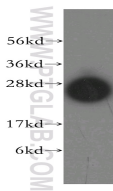
Size: 48 µg/150 µl

Source: Rabbit

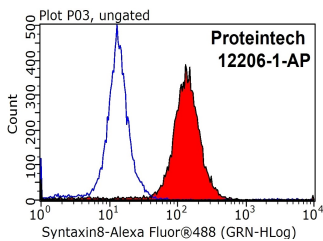
Isotype: IgG

Synonyms:

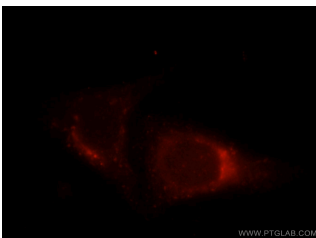
STX8; CARB, STX8, syntaxin 8



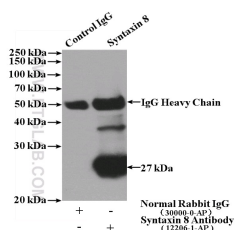
human heart tissue were subjected to SDS PAGE followed by western blot with 12206-1-AP (STX8 antibody) at dilution of 1:500



1X10<sup>6</sup> HepG2 cells were stained with 0.2µg STX8 antibody (12206-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Immunofluorescent analysis of HepG2 cells, using STX8 antibody 12206-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-STX8

### Background

Syntaxin 8 (STX8), also known as CIP-1-associated regulator of cyclin B (CARB), is a protein belongs to the syntaxin family. The gene of STX8 maps to chromosomal band 17p12 and it encodes a 236-amino-acid protein containing 1 t-SNARE coiled-coil homology domain. STX8 mRNA is broadly expressed in multiple human tissues, including heart, brain, kidney, liver, lung, placenta, skeletal muscle, spleen and pancreas (PMID: 10198254). STX8 is involved in protein trafficking from early to late endosomes via vesicle fusion and exocytosis.

### Applications

Tested applications:	ELISA, IF, WB, FC, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated Syntaxin 8 MW:	236aa, 27 kDa
Observed Syntaxin 8 MW:	27 kDa
Positive WB detected in	Human heart tissue, A375 cells, human brain tissue, human kidney tissue, human liver tissue, human lung tissue, human placenta tissue, mouse pancreas tissue
Positive IP detected in	A375 cells
Positive IF detected in	HepG2 cells
Positive FC detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IF: 1:10-1:100 FC: N/A

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

### Immunogen information

Immunogen:	Ag2850
GenBank accession number:	BC009713
Gene ID (NCBI):	9482
Full name:	Syntaxin 8

### Product information

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

**(IP:12206-1-AP, 4ug;  
Detection:12206-1-AP 1:500)  
with A375 cells lysate 3600ug.**