

兔抗 STX5 多克隆抗体

中文名称：兔抗 STX5 多克隆抗体

英文名称： Anti-STX5 rabbit polyclonal antibody

别名： syntaxin 5; SED5; STX5A

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： STX5

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

The membrane protein syntaxin 5 (STX5) is a key component of soluble N-ethylmaleimide-sensitive factor attachment protein (SNAP) receptor (SNARE) complexes that regulate cellular protein transport, vesicle docking, and membrane fusion. Syntaxin 5 protein is found as a 42 kDa ("long") protein localized to the Golgi complex and endoplasmic reticulum, and a "short" 35 kDa isoform localized primarily to the Golgi. Formation of the syntaxin 5 SNARE complex, which also includes proteins Sec22B, Bet1, GOSR1, GOSR2, and Ykt6, allows for regulation of ER-to-Golgi transport, intra-Golgi transport, and endosome-to-Golgi retrograde transport. Research studies indicate that the syntaxin 5 SNARE complex also plays an essential role in autophagy following autophagosome formation. Intracellular

	protein transport mediated by the syntaxin 5 complex is required for transport and localized activity of lysosomal proteases. The experimental reduction or deletion of syntaxin 5 complex components results in non-functional lysosomes and accumulation of autophagosomes.
Applications:	ELISA, WB, IHC
Name of antibody:	STX5
Immunogen:	Fusion protein of human STX5
Full name:	syntaxin 5
Synonyms:	SED5; STX5A
SwissProt:	Q13190
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human liver cancer
IHC Recommend dilution:	50-200
WB Predicted band size:	40 kDa
WB Positive control:	HepG2, A431 and Raji cell lysates
WB Recommended dilution:	500-2000



