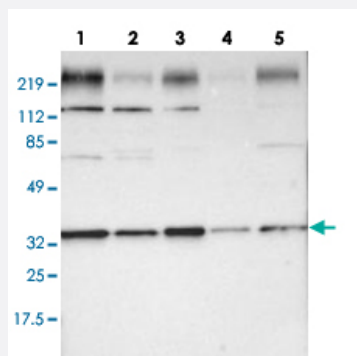


# STX4 polyclonal antibody

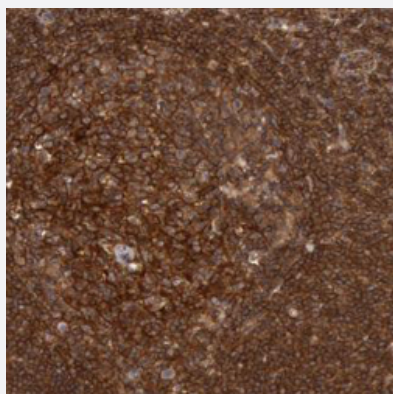
Catalog # PAB28414      Size 100 uL

## Applications



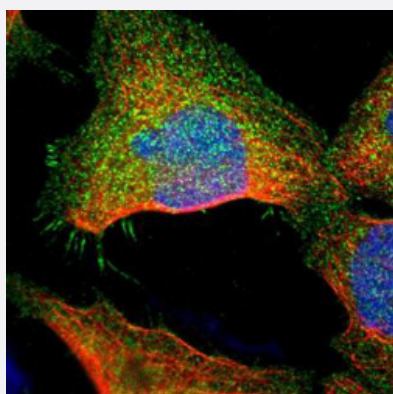
### Western Blot

Western blot analysis of lane 1: RT-4, lane 2: U-251 MG, lane 3: A-431, lane 4: Liver and lane 5: Tonsil using STX4 polyclonal antibody (Cat # PAB28414).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human tonsil with STX4 polyclonal antibody (Cat # PAB28414) shows strong cytoplasmic positivity in reaction center cells and lymphoid cells outside reaction center.



### Immunofluorescence

Immunofluorescence of U-2 OS cell line with STX4 polyclonal antibody (Cat # PAB28414) shows positivity in plasma membrane. Fixation/Permeabilization: PFA/Triton X-100

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against recombinant STX4.
<b>Immunogen</b>	Recombinant protein corresponding to human STX4.
<b>Sequence</b>	MRDRTHELRQGDDSSDEEDKERVALVVHPGTARLGSPDEEFFHKVTRTQTVKLGNKVQELEK QQVTILATPLPEESMKQELQNLRDEIKQLGREIRLQLKAIEPQKEEADENYSVNTRMRKTQHGVLSQQFVELINKCNSMQSE
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Western Blot (1:100-1:250) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Immunofluorescence (1-4 ug/ml) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at 4 °C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western blot analysis of lane 1: RT-4, lane 2: U-251 MG, lane 3: A-431, lane 4: Liver and lane 5: Tonsil using STX4 polyclonal antibody (Cat # PAB28414).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human tonsil with STX4 polyclonal antibody (Cat # PAB28414) shows strong cytoplasmic positivity in reaction center cells and lymphoid cells outside reaction center.

- Immunofluorescence

Immunofluorescence of U-2 OS cell line with STX4 polyclonal antibody (Cat # PAB28414) shows positivity in plasma membrane.  
Fixation/Permeabilization: PFA/Triton X-100

## Gene Info — STX4

Entrez GeneID	<a href="#">6810</a>
Protein Accession#	<a href="#">Q12846</a>
Gene Name	STX4
Gene Alias	STX4A, p35-2
Gene Description	syntaxin 4
Omim ID	<a href="#">186591</a>
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	syntaxin 4A (placental)

## Pathway

- [SNARE interactions in vesicular transport](#)