



# Rabbit Anti-Human STX2 Polyclonal Antibody (CABT-L2242)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Syntaxin 2 (Knockout Validated)
<b>Specificity</b>	The antibody is a rabbit polyclonal antibody raised against STX2. It has been selected for its ability to recognize STX2 in immunohistochemical staining and western blotting.
<b>Target</b>	STX2
<b>Immunogen</b>	Recombinant fragment corresponding to human STX2 (Leu8~Arg262)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Pig
<b>Purification</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
<b>Preservative</b>	0.05% Proclin-300

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
<b>Ship</b>	4°C with ice bags

## BACKGROUND

**Introduction** The product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

**Keywords** EPIM;EPM;STX2A;STX2B;STX2C;Epimorphin

## GENE INFORMATION

<b>Gene Name</b>	STX2 syntaxin 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	STX2
<b>Synonyms</b>	STX2; syntaxin 2; EPM; EPIM; STX2A; STX2B; STX2C; syntaxin-2; epimorphin;
<b>Entrez Gene ID</b>	<a href="#">2054</a>
<b>Protein Refseq</b>	NP_001971
<b>UniProt ID</b>	<a href="#">P32856</a>
<b>Chromosome Location</b>	12q24.33
<b>Pathway</b>	SNARE interactions in vesicular transport; Synaptic Vesicle Pathway; Synaptic vesicle cycle;
<b>Function</b>	SNAP receptor activity; SNARE binding; calcium-dependent protein binding; protein binding; protein dimerization activity;