



# Anti-CXCL5 polyclonal antibody (CPBT-65103RH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit anti Human CXCL5 antibody recognizes human CXCL5, otherwise known as ENA-78, (epithelial-derived neutrophil-activating protein 78), a CXC chemokine expressed by monocytes, mast cells, platelets, eosinophils and endothelial cells, which acts as a key modulator of the inflammatory response, but also exhibits angiogenic properties, including tumour progression. CXCL5 signals through binding to CXC receptor 2 (CXCR2) and occurs naturally in three isoforms: ENA 5-78 (74 amino acids), ENA 9-78 (70 amino acids) and ENA 10-78 (69 amino acids).
<b>Specificity</b>	CXCL5
<b>Immunogen</b>	Recombinant human CXCL5.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; FA; IHC-P; WB
<b>Format</b>	Purified IgG - lyophilised
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">CXCL5 chemokine (C-X-C motif) ligand 5 [ Homo sapiens (human) ]</a>
Official Symbol	CXCL5
Synonyms	CXCL5; chemokine (C-X-C motif) ligand 5; SCYB5; ENA-78; C-X-C motif chemokine 5; neutrophil-activating protein 78; neutrophil-activating peptide ENA-78; epithelial-derived neutrophil-activating protein 78; small inducible cytokine subfamily B (Cys-X-Cys),
Entrez Gene ID	<a href="#">6374</a>
Protein Refseq	<a href="#">NP_002985</a>
UniProt ID	P42830
Chromosome Location	4q13.3
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; G alpha (i) signalling events; GPCR downstream signaling;
Function	CXCR chemokine receptor binding; chemokine activity;