



Rabbit Anti-Human CXCL11 Polyclonal antibody (CPBT-65168RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti Human I-TAC antibody specifically recognizes human I-TAC (Interferon-inducible T-cell alpha chemoattractant), otherwise known as CXCL11, a member of the CXC chemokine family, which signals through binding to CD183 (CXCR3), and is regulated by interferon gamma and beta. I-TAC is highly expressed by peripheral blood leucocytes, the pancreas and liver, and acts as a potent chemoattractant for IL-2 activated T cells, as well as a natural antagonist for CD195 (CCR5).
Specificity	CXCL11
Immunogen	Recombinant human I-TAC
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; FA; IHC-P; WB
Format	Purified IgG - lyophilised
Size	100 µg
Preservative	None
Storage	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	CXCL11 chemokine (C-X-C motif) ligand 11 [Homo sapiens (human)]
Official Symbol	CXCL11
Synonyms	CXCL11; chemokine (C-X-C motif) ligand 11; IP9; H174; IP-9; b-R1; I-TAC; SCYB11; SCYB9B; C-X-C motif chemokine 11; beta-R1; small inducible cytokine B11; small-inducible cytokine B11; interferon gamma-inducible protein 9; interferon-inducible T-cell alpha
Entrez Gene ID	6373
Protein Refseq	NP_001289052
UniProt ID	O14625
Chromosome Location	4q21.2
Pathway	CXCR3-mediated signaling events; 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;
Function	CXCR3 chemokine receptor binding; chemokine activity; heparin binding; protein binding;