



Anti-CXCL3 polyclonal antibody (CPBT-65166RH)

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

PRODUCT INFORMATION

Product Overview

Rabbit anti Human GRO gamma antibody recognizes human GRO-gamma, otherwise known as CXCL3, a 7.9kDa CXC chemokine and one of three closely related, but distinct GRO gene products, which act as chemoattractants and activators of neutrophils and basophils. Like GRO-alpha (CXCL1) and GRO-beta (CXCL2), GRO-gamma contains the ELR-motif (N-Terminal Glu-Leu-Arg amino acid sequence) and signals through the CXCR1 and CXCR2 receptors, though studies have shown a difference in the potency and receptor binding affinity of these three proteins. ELISA This product may be used in an indirect ELISA.

Specificity	GRO GAMMA
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	CXCL3 chemokine (C-X-C motif) ligand 3 [Homo sapiens (human)]
Official Symbol	CXCL3
Synonyms	CXCL3; chemokine (C-X-C motif) ligand 3; GRO3; GROg; MIP2B; SCYB3; MIP-2b; CINC-2b; C-X-C motif chemokine 3; GRO-gamma; MIP2-beta; MGSA gamma; GRO3 oncogene; GRO-gamma(1-73); growth-regulated protein gamma; macrophage inflammatory protein 2-beta; melanoma
Entrez Gene ID	2921
Protein Refseq	NP_002081
UniProt ID	P19876
Chromosome Location	4q21
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;