



Anti-GRO (N-terminal) polyclonal antibody (CABT-BL1684)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptides of the N-terminal part of rat GRO/CINC-1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Purification	Purified with antigen peptide.
Conjugate	Unconjugated
Applications	IHC-P, WB
Format	Lyophilized
Buffer	1 % BSA in PBS containing 0.05% NaN ₃ .
Preservative	0.05% Sodium Azide
Storage	Lyophilized product, 5 years at 2 - 8°C; Solution, 2 years at -20°C.

BACKGROUND

Introduction	Growth Related Oncogene (GRO) /Cytokine-induced neutrophil chemo attractant 1 (CINC-1) was originally purified from media conditioned by IL-1 β stimulated rat kidney epithelioid cells (NRK-52E). Amino acid sequence that encodes for rat CINC-1 was identified in 1989 by Watanabe's group at Toyama Medical and Pharmaceutical University. CINC-1 is a member of the alpha (CXC) subfamily of chemokines. Three additional rat CXC chemokines (CINC-2 α ,
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CINC-2 β , CINC-3/MIP-2) have been identified. The protein sequence of CINC-1 is 63 - 67% identical to that of CINC-2 α , CINC-2 β , CINC-3/MIP-2. In addition, GRO α , GRO β and GRO γ is sharing 68%, 71% and 69%, identity with CINC-1. This has been suggested that CINC-1 is the rat counterpart of human GROs.

GENE INFORMATION

Entrez Gene ID	81503
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Protein Refseq	NP_110472
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UniProt ID	P14095
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