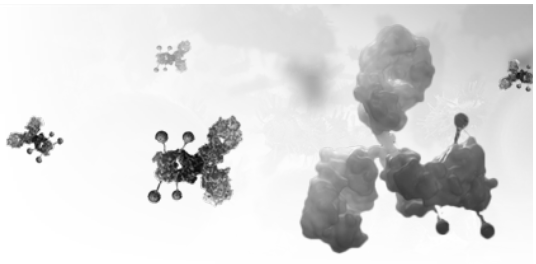

Chicken Anti-Human GFRa-1 polyclonal antibody (CABT-L2752)

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

PRODUCT INFORMATION

Product Overview	Chicken polyclonal antibody to human GFRa-1
Specificity	React with Human GFRa-1. Doesn't cross-react with hGFRa-2, hGFRa-3, hGFRa-4
Target	Human GFRa-1
Immunogen	Recombinant His-tagged human GFRa-1 protein produced using CHO-based Creative Diagnostiscs proprietary suspension cell line. For production of hGFRa-1, glycosylphosphatidyl-inositol GPI-anchor was removed and protein was secreted to the cell culture supernatant. Protein was purified by Ni-affinity chromatography following gel-filtration from cell culture supernatant
Isotype	IgY
Source/Host	Chicken
Species Reactivity	Human
Purification	Immunogen affinity purification
Conjugate	Unconjugated
Applications	ELISA, WB, IF
Format	Liquid
Concentration	Lot specific
Size	100 µg

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Buffer	Concentrated ammonium sulphate in PBS, pH 7.4
Preservative	See individual product datasheet
Storage	Store at +4°C upon receipt. As product is (NH4)2SO4 precipitate, mix well by pipetting or vortexing prior use
Ship	This product is shipped in non-frozen liquid form in ambient conditions

BACKGROUND

Introduction	Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The GFRa-1 is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol (GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor
Keywords	GFRA1; GDNF family receptor alpha 1; GDNFR; RET1L; RETL1; TRNR1; GDNFRA; GFR-ALPHA-1; GDNF family receptor alpha-1; RET ligand 1

GENE INFORMATION

Official Symbol	GDNF family receptor alpha 1
Synonyms	GFRA1; GDNF family receptor alpha 1; GDNFR; RET1L; RETL1; TRNR1; GDNFRA; GFR-ALPHA-1; GDNF family receptor alpha-1; RET ligand 1
Entrez Gene ID	2674
Protein Refseq	NP_001138925
UniProt ID	P56159
Chromosome Location	10q26.11
Pathway	Axon guidance; Developmental Biology; Diurnally regulated genes with circadian orthologs; NCAM signaling for neurite out-growth; NCAM1 interactions; Signaling events regulated by Ret tyrosine kinase;
Function	glial cell-derived neurotrophic factor receptor activity; receptor binding;

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