



Anti-CALCR monoclonal antibody, clone 16/00-2F1-P (CABT-49691MR)

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

PRODUCT INFORMATION

Product Overview

Mouse anti Rat Calcitonin Receptor antibody, clone 16/00-2F1-P recognizes the rat calcitonin receptor, a membrane protein with seven transmembrane domains that is coupled to G protein messenger systems. Mouse anti Rat Calcitonin Receptor antibody, clone 16/00-2F1-P recognizes an epitope within the cytoplasmic domain that is common to both C1a and C1b rat isoforms. Calcitonin receptor is expressed in kidney, central and peripheral nervous systems and on osteoclasts. It is also expressed in a number of tissues during the development of the embryo and may be important in foetal morphogenesis.

Specificity	CALCR
Immunogen	Synthetic peptide derived from a sequence within the cytoplasmic domain of rat calcitonin receptor.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	16/00-2F1-P
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; IHC-P; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.09% Sodium Azide

Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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GENE INFORMATION

Gene Name	Calcr calcitonin receptor [Rattus norvegicus (Norway rat)]
Official Symbol	CALCR
Synonyms	CALCR; calcitonin receptor; CT-R; C1A/C1B;
Entrez Gene ID	116506
Protein Refseq	NP_001029187
UniProt ID	P32214
Chromosome Location	4q13
Pathway	Calcitonin-like ligand receptors; Class B/2 (Secretin family receptors); Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; G alpha (s) signalling events; GPCR downstream signaling; GPCR ligand binding; GPCRs, Class B Secretin-like;
Function	calcitonin binding; NOT calcitonin binding; calcitonin receptor activity; protein transporter activity; receptor activity;