



Anti-CALCR monoclonal antibody, clone 31/01-1H10-4-1-14 (CABT-48598MH)

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

PRODUCT INFORMATION

Product Overview	This product recognises the human calcitonin receptor, a membrane protein with seven transmembrane domains that is coupled to G protein messenger systems. Clone 31/01 recognises an epitope within the cytoplasmic domain that is common to both C1a and C1b human 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, DIPIYICHQELRNEPANN, derived from the cytoplasmic domain of human
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human, Rabbit
Clone	31/01-1H10-4-1-14
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; FC; IF; IHC-P; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	See individual product datasheet
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

GENE INFORMATION

Gene Name	CALCR calcitonin receptor [Homo sapiens (human)]
Official Symbol	CALCR
Synonyms	CALCR; calcitonin receptor; CRT; CTR; CT-R; CTR1;
Entrez Gene ID	799
Protein Refseq	NP_001158209
UniProt ID	P30988
Chromosome Location	7q21.3
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 binding; protein transporter activity; receptor activity;