

CGRP recombinant antibody

Rabbit anti-CGRP Recombinant Monoclonal Antibody [BLR159J]

CATALOG # AAA213616	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CGRP; Monoclonal Recombinant Antibody; Rabbit anti-CGRP Recombinant Monoclonal Antibody [BLR159J]; CGRP1; alpha-type CGRP; Ctn; Ct; CGRP-I; CGRP-1; calcitonin gene-related peptide I; calcitonin gene-related peptide 1; Calc1; Calc; CA; Cgrp; Calcitonin gene-related peptide 1; Calcitonin; calcitonin/calcitonin-related polypeptide; alpha; CGRP recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Clone Number	BLR159J
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for CGRP recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 78 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of mouse CGRP by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, CT26, NIH 3T3 + 1 ug purified mouse CGRP, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CGRP recombinant monoclonal antibody (AAA213616 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



IHC (Immunohistochemistry)

Detection of mouse CGRP1 in FFPE mouse spinal cord by immunohistochemistry. Antibody: Rabbit anti-CGRP1 recombinant monoclonal antibody (AAA213616 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for CGRP recombinant antibody

CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q99JA0].

NCBI AND UNIPROT INFORMATION

NCBI GI #	76880463
NCBI GeneID	12310
NCBI Accession #	NP_001029126.1
NCBI GenBank Nucleotide #	NM_001033954.3
UniProt Accession #	Q99JA0; P70160
Molecular Weight	15,141 Da
NCBI Official Full Name	calcitonin gene-related peptide 1 isoform Cgrp preproprotein
NCBI Official Synonym Full Names	calcitonin/calcitonin-related polypeptide, alpha
NCBI Official Symbol	Calca
NCBI Official Synonym Symbols	CA; Ct; Ctn; Calc; Cgrp; CGRP1; Calc1; CGRP-1
NCBI Protein Information	calcitonin gene-related peptide 1
UniProt Protein Name	Calcitonin gene-related peptide 1
UniProt Gene Name	Calca
UniProt Synonym Gene Names	Calc; CGRP-I
UniProt Entry Name	CALCA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cgrp-recombinant-antibody-clone-blr159j-immunohistochemistry-western-blot-elisa/213616>