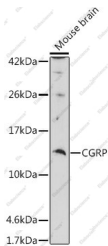
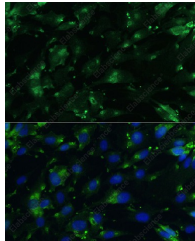
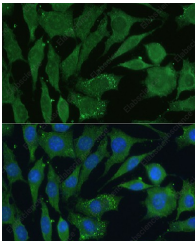
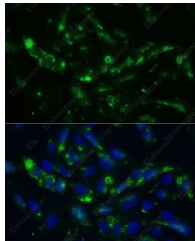


CGRP Polyclonal Antibody

catalog number: E-AB-93381

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human CGRP
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:200

Data	
 Western blot analysis of extracts of Mouse brain using CGRP Polyclonal Antibody at 1:1000 dilution. Observed-MW:14 kDa Calculated-MW:13 kDa/15 kDa	 Immunofluorescence analysis of C6 cells using CGRP Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.
 Immunofluorescence analysis of L929 cells using CGRP Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.	 Immunofluorescence analysis of U2OS cells using CGRP Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.8

This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katacalcin by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.