



# Magic™ Anti-CALCA polyclonal antibody (DPAB2752CR)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Chicken polyclonal to rat calcitonin gene related peptide.
<b>Antigen Description</b>	Calcitonin gene related peptide (CGRP) is a member of the calcitonin family of peptides, which in humans exists in two forms, $\alpha$ -CGRP and $\beta$ -CGRP. $\alpha$ -CGRP is a 37-amino acid peptide and is formed from the alternative splicing of the calcitonin/ CGRP gene located on chromosome 11. The less-studied $\beta$ -CGRP differs in three amino acids (in humans) and is encoded in a separate gene in the same vicinity.
<b>Immunogen</b>	KDNFVPTNVGSEAF-NH2
<b>Isotype</b>	IgY
<b>Source/Host</b>	Chicken
<b>Species Reactivity</b>	Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC
<b>Format</b>	Affinity Purified-Liquid (with 0.05% sodium azide).
<b>Size</b>	150 $\mu$ l
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Antibodies are stable for six months from date of receipt when stored at -20 to -70°C the antibody can be stored at 2-8°C for one month without detectable loss of activity. Upon receipt, antibody should be aliquotted and stored frozen at -20 to -70°C in a

# GENE INFORMATION

Gene Name	<a href="#">Calca calcitonin-related polypeptide alpha [ Rattus norvegicus ]</a>
Synonyms	Calca; calcitonin-related polypeptide alpha; CAL6; CGRP; Cal1; Calc; RATCAL6; calcitonin; calcitonin gene-related peptide 1; CGRP-I; alpha-type CGRP; calcitonin gene-related peptide 1; calcitonin gene-related peptide I; calcitonin/calcitonin-related polypeptide, alpha
Entrez Gene ID	<a href="#">24241</a>
Protein Refseq	<a href="#">NP_001029127</a>
UniProt ID	<a href="#">P01256</a>
Chromosome Location	1q34
Pathway	Calcitonin-like ligand receptors; Class B/2 (Secretin family receptors); GPCR ligand binding; Myometrial Relaxation and Contraction Pathways; Signal Transduction; Signaling by GPCR
Function	calcitonin receptor binding; neuropeptide hormone activity; protein complex binding; receptor binding