



# Rabbit anti-Rat Corticotropin Releasing Factor Receptor 2 polyclonal antibody (DPABH-29109)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This is a receptor for corticotropin releasing factor. Shows high-affinity CRF binding. Also binds to urocortin I, II and III. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 50 - 150 of Rat Corticotropin Releasing Factor Receptor 2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituents: PBS, 1% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">CRHR2 corticotropin releasing hormone receptor 3 [ Rattus norvegicus ]</a>
Official Symbol	CRHR2
Synonyms	CRHR2; corticotropin releasing hormone receptor 2; Crf2r; corticotropin-releasing factor receptor 2; CRF2; CRF-R2; CRFR-2; CRH-R2; CRF-R 2; CRF-R-2; CRH-R 2; CRH-R-2; corticotropin-releasing hormone receptor 2; corticotrophin releasing hormone receptor 2; corticotropin-releasing factor receptor subtype 2;
Entrez Gene ID	<a href="#">64680</a>
Protein Refseq	<a href="#">NP_073205.1</a>
UniProt ID	<a href="#">P47866</a>
Pathway	Class B/2 (Secretin family receptors); GPCR downstream signaling; GPCRs, Class B Secretin-like; Neuroactive ligand-receptor interaction
Function	G-protein coupled receptor activity; corticotrophin-releasing factor receptor activity; corticotrophin-releasing factor receptor activity; corticotropin-releasing hormone receptor activity