



# Anti-CCKBR (aa 206-219) polyclonal antibody (DPAB3170RH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal antibody to human Cholecystokinin-Receptor Type B (aa 206-219)
<b>Antigen Description</b>	CCKBR is a G protein coupled receptor for gastrin and cholecystokinin (CCK), regulatory peptides of the brain and gastrointestinal tract. This protein is a type B gastrin receptor, which has a high affinity for both sulfated and nonsulfated CCK analogs and is found principally in the central nervous system and the gastrointestinal tract. A misspliced transcript variant including an intron has been observed in cells from colorectal and pancreatic tumors. CCKBR is most abundant in brain and stomach but it can also be found in colon, pancreas, thyroid, and various cancers
<b>Specificity</b>	Human CCK-R Type B (aa 206-219)
<b>Immunogen</b>	Synthetic human CCK-R Type B (aa 206-219) poly Lysin conjugated (VHRWPSARVRQTWS)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC (PFA fixed)
<b>Concentration</b>	20 µl / 100 µl (lyophilized). Resuspend in 20 µl / 100 µl aqua bidest
<b>Preservative</b>	None
<b>Storage</b>	2-8 °C (lyophilized); - 20 °C (dissolved). Repeated thawing and freezing must be avoided

# GENE INFORMATION

Gene Name	<a href="#">CCKBR cholecystokinin B receptor [ Homo sapiens ]</a>
Official Symbol	CCKBR
Synonyms	CCKBR; cholecystokinin B receptor; GASR; CCK-B; CCK2Rr; CCK-BR; CCK2-R; CCK2 receptor; CCK-B receptor; gastrin receptor; cholecystokinin-2 receptor; gastrin/cholecystokinin type B receptor; cholecystokinin-B receptor/gastrin receptor; OTTHUMP00000164537; OTTHUMP00000229568; OTTHUMP00000229571
Entrez Gene ID	<a href="#">887</a>
Protein Refseq	<a href="#">NP_795344</a>
UniProt ID	<a href="#">P32239</a>
Chromosome Location	11p15.4
Pathway	Calcium signaling pathway; Class A/1 (Rhodopsin-like receptors); G alpha (q) signalling events; GPCR downstream signaling; GPCR ligand binding; GPCRs, Class A Rhodopsin-like; GPCRs, Other; Gastric acid secretion;Neuroactive ligand-receptor interaction;Peptide GPCRs; Peptide ligand-binding receptors; Signal Transduction; Signaling by GPCR
Function	1-phosphatidylinositol-3-kinase regulator activity; G-protein coupled receptor activity; cholecystokinin receptor activity; gastrin receptor activity; phosphatidylinositol phospholipase C activity; receptor activity; signal transducer activity; type B gastrin/cholecystokinin receptor binding