



# Rabbit anti-Cow GNB1 Polyclonal antibody (CPBT-53414RC)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Polyclonal antibody to Cow GNB1.
<b>Immunogen</b>	Synthetic Peptide: RQEAEQLKNQIRDARKAC. Immunizing peptide corresponds to amino acid residues 8-25 from human GNB1. This sequence is completely conserved between human, amphibian, bovine and rat.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Sequence Similarities</b>	Belongs to the WD repeat G protein beta family. Contains 7 WD repeats.
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, 1 mg/ml BSA and 0.05% sodium azide
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">GNB1 guanine nucleotide binding protein (G protein), beta polypeptide 1 [ Bos taurus ]</a>
Official Symbol	GNB1
Synonyms	GNB1; guanine nucleotide binding protein (G protein), beta polypeptide 1; guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1; Beta subunit signal transducing proteins GS/GI; G protein beta 1 subunit; GBB1; GBB1_HUMAN; gnb1; Guanine nucleotide binding protein beta 1 subunit; Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1; Transducin beta chain 1; transducin beta chain 1; guanine nucleotide-binding protein, beta-1 subunit;
Entrez Gene ID	<a href="#">281201</a>
Protein Refseq	<a href="#">NP_786971</a>
UniProt ID	<a href="#">P62871</a>
Pathway	ADP signalling through P2Y purinoceptor 1, organism-specific biosystem; ADP signalling through P2Y purinoceptor 12, organism-specific biosystem; Activation of G protein gated Potassium channels, organism-specific biosystem; Activation of GABAB receptors, organism-specific biosystem; Aquaporin-mediated transport, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, c.
Function	GTPase activity; GTPase binding; signal transducer activity;