

CAB15276

Product Information

Product SKU:	CAB15276	Gene ID:	2983	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	70kDa	Conjugate:	Unconjugated
Calculated MW:	71kDa	Isotype:	IgG

Immunogen Information

**Background:** This gene encodes the beta subunit of the soluble guanylate cyclase (sGC), which catalyzes the conversion of GTP (guanosine triphosphate) to cGMP (cyclic guanosine monophosphate). The encoded protein contains an HNOX domain, which serves as a receptor for ligands such as nitric oxide, oxygen and nitrovasodilator drugs. Alternative splicing results in multiple transcript variants.

Recommended Dilution:	WB,1:200 - 1:2000
Synonyms:	GUCB3; GC-SB3; GUC1B3; GUCSB3; GUCY1B3; GC-S-beta-1; Guanylyl Cyclase beta 1 (GUCY1B3)
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human Guanylyl Cyclase beta 1 (Guanylyl Cyclase beta 1 (GUCY1B3)) (NP_000848.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.