Recombinant DGRmAb®

GTPBP4 (DGR32357) Rabbit mAb

db14033 **Package : 10μL 20μL 50μL 100μL**

Product Name : GTPBP4 (DGR32357) Rabbit mAb
Cat.No.: db14033
Synonyms : NGB; CRFG; NOG1
Application : WB, IHC-P
Reactivity : Human
Host species : Rabbit

Background	GTP-binding proteins are GTPases and function as molecular switches that can flip between two states: active, when GTP is bound, and inactive, when GDP is bound. 'Active' in this context usually means that the molecule acts as a signal to trigger other events in the cell. When an extracellular ligand binds to a G-protein-linked receptor, the receptor changes its conformation and switches on the trimeric G proteins that associate with it by causing them to eject their GDP and replace it with GTP. The switch is turned off when the G protein hydrolyzes its own bound GTP, converting it back to GDP. But before that occurs, the active protein has an opportunity to diffuse away from the receptor and deliver its message for a prolonged period to its downstream target. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human GTPBP4/NOG1
Gene ID	23560
Swiss Prot	Q9BZE4
Synonyms	NGB; CRFG; NOG1
Reactivity	Human
Application	WB, IHC-P
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:200-1:500
Calculated MW	74 kDa
Observed MW	80 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32357

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

- Western blot detection of GTPBP4/NOG1 in A549,HL-60 using GTPBP4/NOG1 antibody(1:1000 diluted)

- Immunohistochemical analysis of paraffin-embedded human tonsil using db14033 antibody.