

Recombinant

DGRmAb®

**Dynactin p150Glued (DGR34335) Rabbit mAb**

db11301

Package : 10µL 20µL 50µL 100µL

**Product Name** : Dynactin p150Glued (DGR34335) Rabbit mAb**Cat.No.:** db11301**Synonyms** : P135; DP-150; DAP-150**Application** : WB, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes the largest subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. Dynactin is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit interacts with dynein intermediate chain by its domains directly binding to dynein and binds to microtubules via a highly conserved glycine-rich cytoskeleton-associated protein (CAP-Gly) domain in its N-terminus. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. Mutations in this gene cause distal hereditary motor neuronopathy type VIIIB (HMN7B) which is also known as distal spinal and bulbar muscular atrophy (dSBMA). [provided by RefSeq, Oct 2008]

**Immunogen**

A synthetic peptide of human Dynactin p150Glued

**Gene ID**

1639, 13191, 29167

**Swiss Prot**

Q14203, O08788, P28023

**Synonyms**

P135; DP-150; DAP-150

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IP

**Recommended dilution**WB: 1:1000  
IP: 1:20-1:50**Calculated MW**

142 kDa

**Observed MW**

150 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

Clonality No.	DGR34335
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.