Recombinant DGRmAb®

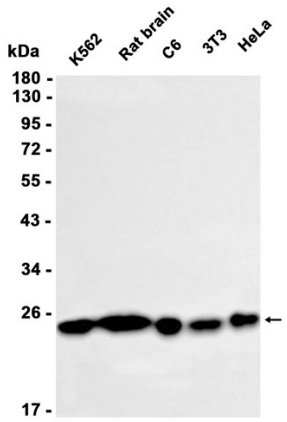
PARK7/DJ1 (DGR12325) Rabbit mAb

db11078 **Package : 10μL 20μL 50μL 100μL**

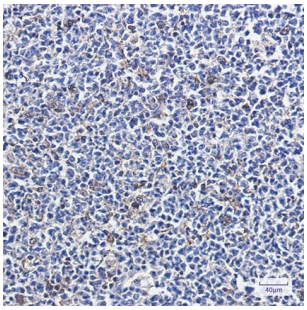
Product Name : PARK7/DJ1 (DGR12325) Rabbit mAb
Cat.No.: db11078
Synonyms : DJ1; DJ-1; GATD2; HEL-S-67p
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and cell death. Defects in this gene are the cause of autosomal recessive early-onset Parkinson disease 7. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human PARK7/DJ1
Gene ID	11315
Swiss Prot	Q99497
Synonyms	DJ1; DJ-1; GATD2; HEL-S-67p
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:200-1:1000 ICC/IF: 1:50-1:500 FC: 1:20-1:50 IP: 1:20
Calculated MW	20 kDa
Observed MW	22 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12325

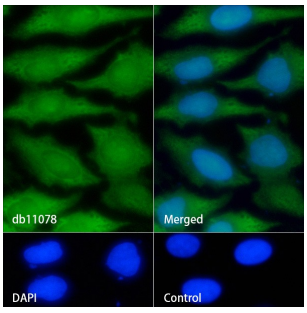
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562, C6, 3T3, HeLa cells and Rat brain tissue using db11078 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db11078 antibody.



Immunofluorescence analysis of HeLa cells labelling PARK7/DJ1 with db11078.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11078 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.