Recombinant DGRmAb®

# DOPA Decarboxylase (DGR20392) Rabbit mAb

**db14290** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** DOPA Decarboxylase (DGR20392) Rabbit mAb
**Cat.No.:** db14290
**Synonyms :** AADC
**Application :** WB
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

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| **Background** | The encoded protein catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine. Defects in this gene are the cause of aromatic L-amino-acid decarboxylase deficiency (AADCD). AADCD deficiency is an inborn error in neurotransmitter metabolism that leads to combined serotonin and catecholamine deficiency. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jun 2011] |
| **Immunogen** | A synthetic peptide of human DOPA Decarboxylase |
| **Gene ID** | 1644 |
| **Swiss Prot** | P20711 |
| **Synonyms** | AADC |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB |
| **Recommended dilution** | WB: 1:1000 |
| **Calculated MW** | 54 kDa |
| **Observed MW** | 54 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR20392 |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |

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| **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. |