

Recombinant

DGRmAb®

CBS (DGR36051) Rabbit mAb

db16286

Package : 10µL 20µL 50µL 100µL

Product Name : CBS (DGR36051) Rabbit mAb**Cat.No.:** db16286**Synonyms** : CBSL; HIP4**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene acts as a homotetramer to catalyze the conversion of homocysteine to cystathionine, the first step in the transsulfuration pathway. The encoded protein is allosterically activated by adenosyl-methionine and uses pyridoxal phosphate as a cofactor. Defects in this gene can cause cystathionine beta-synthase deficiency (CBS), which can lead to homocystinuria. This gene is a major contributor to cellular hydrogen sulfide production. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Feb 2016]

Immunogen

A synthetic peptide of Human CBS

Gene ID

875

Swiss Prot

P35520

Synonyms

CBSL; HIP4

Reactivity

Human

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:200

Calculated MW

61 kDa

Observed MW

61 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR36051

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.