

Recombinant

DGRmAb®

SEP15 (DGR14870) Rabbit mAb

db14882

Package : 10µL 20µL 50µL 100µL

Product Name : SEP15 (DGR14870) Rabbit mAb**Cat.No.:** db14882**Synonyms :** Sep15; 9430015P09Rik**Application :** WB**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

The protein encoded by this gene belongs to the SEP15/selenoprotein M family. The exact function of this protein is not known; however, it has been found to associate with UDP-glucose:glycoprotein glucosyltransferase (UGTR), an endoplasmic reticulum(ER)-resident protein, which is involved in the quality control of protein folding. The association with UGTR retains this protein in the ER, where it may play a role in protein folding. Knockout studies in mice also suggest a role for this gene in cataract formation and colon carcinogenesis. This protein is a selenoprotein, containing the rare amino acid selenocysteine (Sec). Sec is encoded by the UGA codon, which normally signals translation termination. The 3' UTRs of selenoprotein mRNAs contain a conserved stem-loop structure, designated the Sec insertion sequence (SECIS) element, that is necessary for the recognition of UGA as a Sec codon, rather than as a stop signal. [provided by RefSeq, Nov 2016]

Immunogen

A synthetic peptide of mouse SEP15

Gene ID

93684

Swiss Prot

Q9ERR7

Synonyms

Sep15; 9430015P09Rik

Reactivity

Human,Mouse,Rat

Application

WB

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

18 kDa

Observed MW

18 kDa

Host species

Rabbit

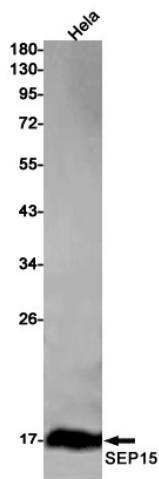
Clonality

Monoclonal

Clonality No.

DGR14870

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 44089 in Hela cell lysates using SEP15 antibody(1:1000 diluted).