

Recombinant

DGRmAb®

ATIC (DGR15214) Rabbit mAb

db16621

Package : 10µL 20µL 50µL 100µL

Product Name : ATIC (DGR15214) Rabbit mAb**Cat.No.:** db16621**Synonyms** : PURH; AICAR; AICARFT; IMPCHASE; HEL-S-70p**Application** : WB, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This gene encodes a bifunctional protein that catalyzes the last two steps of the de novo purine biosynthetic pathway. The N-terminal domain has phosphoribosylaminoimidazolecarboxamide formyltransferase activity, and the C-terminal domain has IMP cyclohydrolase activity. A mutation in this gene results in AICA-ribosiduria. [provided by RefSeq, Sep 2009]

Immunogen

Recombinant protein of human ATIC

Gene ID

471

Swiss Prot

P31939

Synonyms

PURH; AICAR; AICARFT; IMPCHASE; HEL-S-70p

Reactivity

Human, Mouse, Rat

Application

WB, IP

Recommended dilution

WB: 1:2000-1:20000

IP: 1:50-1:100

Calculated MW

65 kDa

Observed MW

65 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR15214

Isotype

IgG

Purity

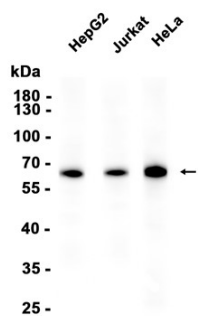
Affinity Purification

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 HepG2, Jurkat, HeLa cells using db16621 at 1:2000.