

IMPDH1 Rabbit Polyclonal Antibody



CAB16899

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

55kDa

Calculated MW:

52kDa/54kDa/55kDa/60kDa/
63kDa/64kDa

Applications:

WB

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

The protein encoded by this gene acts as a homotetramer to regulate cell growth. The encoded protein is an enzyme that catalyzes the synthesis of xanthine monophosphate (XMP) from inosine-5'-monophosphate (IMP). This is the rate-limiting step in the de novo synthesis of guanine nucleotides. Defects in this gene are a cause of retinitis pigmentosa type 10 (RP10). Several transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:

3614

Uniprot

P20839

Synonyms:

IMPDH1; IMPD; IMPD1; IMPDH-I; LCA11; RP10; sWSS2608

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 434-563 of human IMPDH1 (NP_899066.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

Western blot - IMPDH1 Rabbit pAb (CAB16899)

