

Product Information

Product SKU:	CAB9497	Gene ID:	3614	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	55kDa	Conjugate:	Unconjugated
Calculated MW:	55kDa	Isotype:	IgG

Immunogen Information

**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.

Recommended Dilution:	WB,1:1000 - 1:2000 IF/ICC,1:50 - 1:200
Synonyms:	IMPD; RP10; IMPD1; LCA11; IMPDH-I; sWSS2608; IMPDH1
Purification Method:	Affinity purification
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.