

Product Name: GNL1 Rabbit Polyclonal Antibody
Catalog #: AP Rab11560



Summary

Production Name	GNL1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GNL1
Alternative Names	GNL1; HSR1; Guanine nucleotide-binding protein-like 1; GTP-binding protein HSR1
Gene ID	2794.0
SwissProt ID	P36915.The antiserum was produced against synthesized peptide derived from human GNL1. AA range:61-110

Application

Dilution Ratio	WB 1:500-1:2000, ELISA 1:20000.Not yet tested in other applications.
Molecular Weight	69kDa

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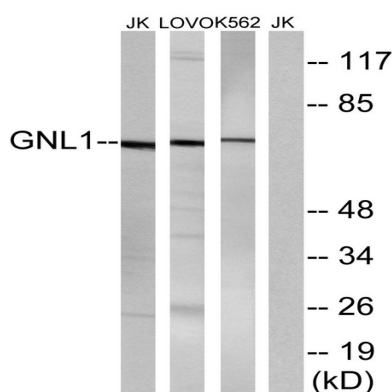


Background

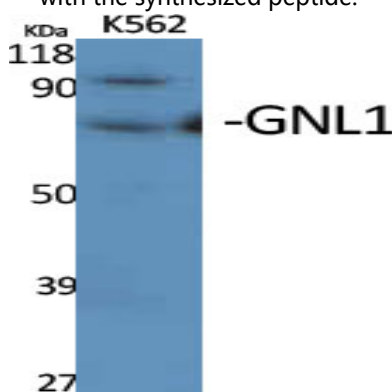
The GNL1 gene, identified in the human major histocompatibility complex class I region, shows a high degree of similarity with its mouse counterpart. The GNL1 gene is located less than 2 kb centromeric to HLA-E, in the same transcriptional orientation. GNL1 is telomeric to HLA-B and HLA-C. [provided by RefSeq, Jul 2008], domain: In contrast to other GTP-binding proteins, this family is characterized by a circular permutation of the GTPase motifs described by a G4-G1-G3 pattern., function: Possible regulatory or functional link with the histocompatibility cluster., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., similarity: Belongs to the MMR1/HSR1 GTP-binding protein family.,

Research Area

Image Data

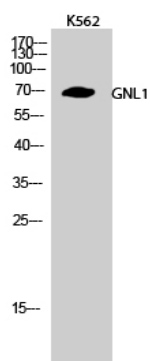


Western blot analysis of lysates from Jurkat, LOVO, and K562 cells, using GNL1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GNL1 Polyclonal Antibody

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Western Blot analysis of K562 cells using GNL1 Polyclonal Antibody

Note

For research use only.