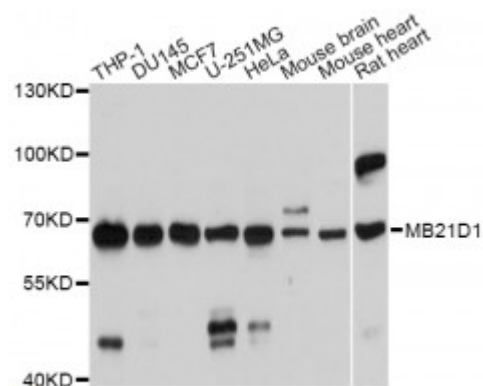


Anti-MB21D1 antibody



Model	STJ110633
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide of human MB21D1
Gene ID	115004
Gene Symbol	MB21D1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in the monocytic cell line THP1
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Cyclic GMP-AMP synthase cGAMP synthase cGAS h-cGAS
Molecular Weight	58.814 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:21367 OMIM:613973 Reactome:R-HSA-1834941
Alternative Names	Cyclic GMP-AMP synthase cGAMP synthase cGAS h-cGAS

Function	Nucleotidyltransferase that catalyzes the formation of cyclic GMP-AMP (cGAMP) from ATP and GTP ,
Cellular Localization	Cytoplasm, cytosol,
Post-translational Modifications	Polyglutamylated by TTLL6 at Glu-286, leading to impair DNA-binding activity, Monoglutamylated at Glu-314 by TTLL4, leading to impair the nucleotidyltransferase activity, Deglutamylated by AGBL5/CCP5 and AGBL6/CCP6,

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