

Rabbit anti-Human IMPA1 Polyclonal Antibody | anti-IMP A1 antibody

Anti-IMP A1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256117	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

IMP A1; Polyclonal Antibody; Anti-IMP A1 Antibody; Rabbit Polyclonal; IMP A1 Antibody; Rabbit PAb; Antigen Affinity Purified; inositol(myo)-1(or 4)-monophosphatase 1; Anti-IMP Antibody; Anti-IMP A Antibody; anti-IMP A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human IMP A1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-IMP A1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human IMP A1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human IMP A1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

IMP A1 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate 4 uL anti-IMP A1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-IMP A1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 30 kDa. Observed band size: 30 kDa.



IHC (Immunohistochemistry)

Immunochemical staining of human IMP A1 in human stomach with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-IMPA1 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lane B: U-251 MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 30 kDa Observed band size: 30 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-IMPA1 antibody	IMPA1 (Inositol Monophosphatase 1) is a Protein Coding gene. This gene encodes an enzyme that dephosphorylates Myo-inositol monophosphate to generate free Myo-inositol, a precursor of phosphatidylinositol, and is, therefore, an important modulator of intracellular signal transduction via the production of the second messenger's myoinositol 1, 4, 5-trisphosphate and diacylglycerol. Despite its many physiological functions, no clinical phenotype has been assigned to this gene dysfunction to date. Additionally, IMPA1 is the main target of lithium, a drug that is at the forefront of treatment for bipolar disorder. IMPA1 is widely expressed in the testis, thyroid, and other tissues. Diseases associated with IMPA1 include Mental Retardation, Autosomal Recessive 59, and Bipolar Disorder.
Product Categories/Family for anti-IMPA1 antibody	Phosphatases and Regulators; G Protein-coupled Receptors Signaling

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/imp1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/256117>