

Rabbit anti-Human Inositol Polyphosphate-4-Phosphatase Type I 107kDa Polyclonal Antibody | anti-INPP4A antibody

Inositol Polyphosphate-4-Phosphatase Type I 107kDa (INPP4A) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145302	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Inositol Polyphosphate-4-Phosphatase Type I 107kDa; Polyclonal Antibody; Inositol Polyphosphate-4-Phosphatase Type I 107kDa (INPP4A) Polyclonal Antibody; INPP4; Inositol polyphosphate 4-phosphatase type I; Type I inositol 3; 4-bisphosphate 4-phosphatase; anti-INPP4A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against INPP4A. It has been selected for its ability to recognize INPP4A in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	458
Applicable Applications for anti-INPP4A antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	INPP4A (Met1~Thr137)
Quality Control	Content: The quality control contains recombinant INPP4A (Met1~Thr137) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type MCF7 cell lysate; Lane 2: INPP4A knockout MCF7 cell lysate; Predicted MW: 106~110kd Observed MW: 100kd Primary Ab: 1ug/ml Rabbit Anti-Human INPP4A Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on fromalin fixed paraffin- embedded brain tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human Jurkat cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human INPP4A Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-INPP4A antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197116359
NCBI GeneID	3631
NCBI Accession #	NP_001127696.1
NCBI GenBank Nucleotide #	NM_001134224.1
UniProt Accession #	Q96PE3; O15326; Q13187; Q53TD8; Q8TC02
Molecular Weight	107,297 Da
NCBI Official Full Name	type I inositol 3,4-bisphosphate 4-phosphatase isoform d
NCBI Official Synonym Full Names	inositol polyphosphate-4-phosphatase type I A
NCBI Official Symbol	INPP4A
NCBI Official Synonym Symbols	INPP4; TVAS1
NCBI Protein Information	type I inositol 3,4-bisphosphate 4-phosphatase
UniProt Protein Name	Type I inositol 3,4-bisphosphate 4-phosphatase
UniProt Gene Name	INPP4A

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/inositol-polyphosphate-4-phosphatase-type-i-107kda-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145302>