

Product datasheet for **TA366563S**

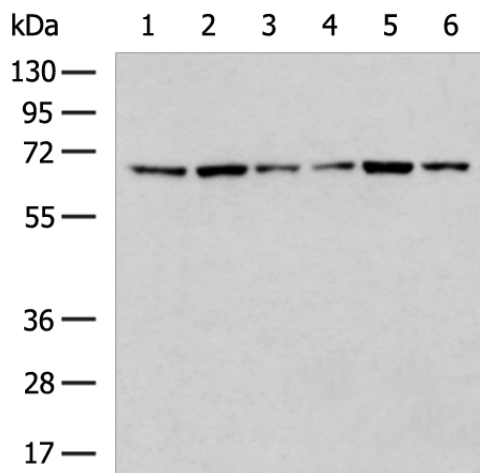
ISYNA1 Rabbit Polyclonal Antibody

Product data:

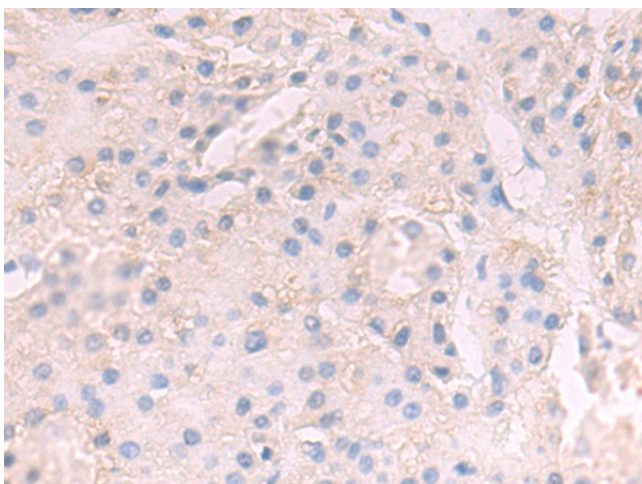
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T, K562, TM4 cell, Mouse testis tissue, SKOV3, HepG2 cell lysates IHC: 50-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ISYNA1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	61 kDa
Gene Name:	inositol-3-phosphate synthase 1
Database Link:	Entrez Gene 51477 Human Q9NPH2
Background:	This gene encodes an inositol-3-phosphate synthase enzyme. The encoded protein plays a critical role in the myo-inositol biosynthesis pathway by catalyzing the rate-limiting conversion of glucose 6-phosphate to myo-inositol 1-phosphate. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 4.
Synonyms:	hINO1; hIPS; Ino1; INOS; IPS



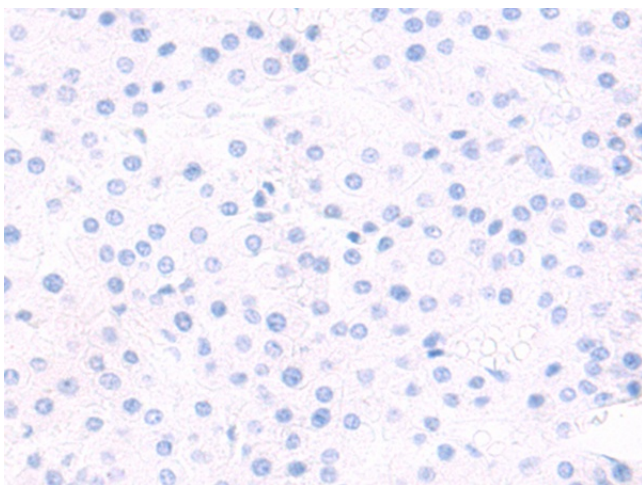
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Product images:


Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-6: 293T
 K562
 TM4 cell
 Mouse testis tissue
 SKOV3
 HepG2 cell lysates
 Primary antibody: [TA366563] (ISYNA1 Antibody)
 at dilution 1/400
 Secondary antibody: Goat anti rabbit IgG at
 1/5000 dilution
 Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded
 Human liver cancer tissue using [TA366563]
 (ISYNA1 Antibody) at dilution 1/55 (Original
 magnification: ×200)



Immunohistochemistry of paraffin-embedded
 Human liver cancer tissue using [TA366563]
 (ISYNA1 Antibody) at dilution 1/55, treated with
 fusion protein. (Original magnification: ×200)