

Rabbit anti-Human, Mouse UGP2 Polyclonal Antibody | anti-UGP2 antibody

UGP2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173132	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

UGP2; Polyclonal Antibody; UGP2 Polyclonal Antibody; UDPG; UGP1; UDPGP; UGPP1; UGPP2; UDPGP2; pH379; anti-UGP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	2.7mg/ml (varies by lot)
Sequence Length	508
Applicable Applications for anti-UGP2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Fusion protein of human UGP2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-169754 / sc-130613 / sc-134141 / sc-292069
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of Hela cell using UGP2 Polyclonal Antibody at dilution of 1/500


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using UGP2 Polyclonal Antibody at dilution of 1/35

ADDITIONAL INFORMATION

Related Product Information for anti-UGP2 antibody

The enzyme encoded by this gene is an important intermediary in mammalian carbohydrate interconversions. It transfers a glucose moiety from glucose-1-phosphate to MgUTP and forms UDP-glucose and MgPPi. In liver and muscle tissue, UDP-glucose is a direct precursor of glycogen; in lactating mammary gland it is converted to UDP-galactose which is then converted to lactose. The eukaryotic enzyme has no significant sequence similarity to the prokaryotic enzyme. Two transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47522786
NCBI GeneID	397040
NCBI GenBank Nucleotide #	NM_213980.1
Molecular Weight	57 kDa
NCBI Official Full Name	UTP--glucose-1-phosphate uridylyltransferase
NCBI Official Symbol	UGP2
NCBI Protein Information	UTP--glucose-1-phosphate uridylyltransferase
UniProt Protein Name	UTP--glucose-1-phosphate uridylyltransferase
UniProt Gene Name	UGP2
UniProt Synonym Gene Names	UDPGP; UGPase
UniProt Entry Name	UGPA_PIG

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/ugp2-antibody-immunohistochemistry-western-blot-elisa/173132>