anti-Human, Mouse AZGP1 Polyclonal Antibody | anti-AZGP1 antibody

AZGP1 Polyclonal Antibody

CATALOG #	REACTIVITY	APPLICATIONS
AAA279976	**Human, Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

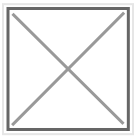
PRODUCT SYNONYMS

AZGP1; Polyclonal Antibody; AZGP1 Polyclonal Antibody; ZA2G;ZAG; anti-AZGP1 antibody

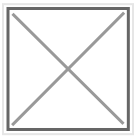
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	298
Applicable Applications for anti-AZGP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Source	Rabbit
Species	Human
Immunogen	Recombinant protein of human AZGP1
Observed MW	40kDa
Calculated MW	34kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse lung using AZGP1 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human prostate using AZGP1 Antibody at dilution of 1:100 (40x lens).

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human colon using AZGP1 Antibody at dilution of 1:100 (40x lens).

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using AZGP1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-AZGP1 antibody	Zinc-alpha-2-glycoprotein (AZGP1) is a soluble protein normally found in body fluids, functions as a lipid mobilizing factor (PMID: 19188554). It is known to be expressed in the secretory epithelia of the liver, lung, breast, GI tract and sweat glands, sharing significant structural similarity with the class I major histocompatibility complex (MHC) antigens (PMID: 3422450). AZGP1 is involved in carcinogenesis and differentiation. Altered expression of AZGP1 has been reported in breast cancer, prostate cancer and lung adenocarcinoma, hepatocellular carcinoma, pancreatic carcinoma and oral tumors (PMID: 22625427).
Product Categories/Family for anti-AZGP1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	292495049
NCBI GeneID	563
UniProt Accession #	P25311; O60386; Q5XKQ4; Q8N4N0; D6W5T8
NCBI Official Full Name	Zinc-alpha-2-glycoprotein
NCBI Official Synonym Full Names	alpha-2-glycoprotein 1, zinc-binding
NCBI Official Symbol	AZGP1
NCBI Official Synonym Symbols	ZAG; ZA2G
NCBI Protein Information	zinc-alpha-2-glycoprotein; zn-alpha-2-GP; Zn-alpha2-glycoprotein; zn-alpha-2-glycoprotein; Alpha-2-glycoprotein, zinc
UniProt Protein Name	Zinc-alpha-2-glycoprotein
UniProt Gene Name	**AZGP1**
UniProt Synonym Gene Names	ZAG; ZNGP1; Zn-alpha-2-GP; Zn-alpha-2-glycoprotein
UniProt Entry Name	ZA2G_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/azgp1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279976