



Rabbit Anti-Alpha 1 acid glycoprotein 2 antibody

SL7565R

Product Name:	Alpha 1 acid glycoprotein 2
Chinese Name:	α 1酸性glycoprotein2/类粘蛋白2抗体
Alias:	AGP 2; AGP B; AGP2; Alpha 1 acid glycoprotein 2; Alpha 1 acid glycoprotein type 2; OMD 2; ORM 2; Orosomuroid2; A1AG2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	22kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Alpha 1 acid glycoprotein 2:121-201/201
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a key acute phase plasma protein. Because of its increase due to acute inflammation, this protein is classified as an acute-phase reactant. The specific function of this protein has not yet been determined; however, it may be involved in aspects of immunosuppression. [provided by RefSeq, Jul 2008].

Function:

Functions as transport protein in the blood stream. Binds various hydrophobic ligands in the interior of its beta-barrel domain. Also binds synthetic drugs and influences their distribution and availability. Appears to function in modulating the activity of the immune system during the acute-phase reaction.

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed by the liver and secreted in plasma.

Post-translational modifications:

N-glycosylated. N-glycan heterogeneity at Asn-33: Hex5HexNAc4 (minor), Hex6HexNAc5 (major) and dHex1Hex6HexNAc5 (minor).

Similarity:

Belongs to the calycin superfamily. Lipocalin family.

SWISS:

P19652

Gene ID:

5005

Database links:

UniProtKB/Swiss-Prot: P19652.2

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.