

ARG41542
anti-ORM1 / alpha 1 Acid Glycoprotein antibodyPackage: 100 µl
Store at: -20°C

Summary

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|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes ORM1 / alpha 1 Acid Glycoprotein |
| Tested Reactivity | Hu |
| Tested Application | IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | ORM1 / alpha 1 Acid Glycoprotein |
| Species | Human |
| Immunogen | Synthetic peptide of Human ORM1 / alpha 1 Acid Glycoprotein. |
| Conjugation | Un-conjugated |
| Alternate Names | AGP1; HEL-S-153w; AGP 1; AGP-A; OMD 1; ORM; Alpha-1-acid glycoprotein 1; Orosomuroid-1 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|----------------|
| | IHC-P | 1:50 - 1:200 |
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Human testis | |

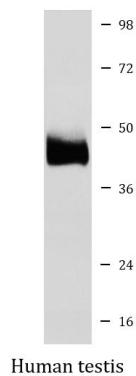
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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|-----------------------|--|
| Gene Symbol | ORM1 |
| Gene Full Name | orosomuroid 1 |
| Background | 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 ligands in the interior of its beta-barrel domain. Also binds synthetic drugs and influences their distribution and availability in the body. Appears to function in modulating the activity of the immune system during the acute-phase reaction. [UniProt] |
| Calculated Mw | 24 kDa |
| PTM | N-glycosylated. N-glycan heterogeneity at Asn-33: Hex5HexNAc4 (minor), Hex6HexNAc5 (major) and dHex1Hex6HexNAc5 (minor). [UniProt] |
| Cellular Localization | Secreted. [UniProt] |

Images



ARG41542 anti-ORM1 / alpha 1 Acid Glycoprotein antibody WB image

Western blot: Human testis lysate stained with ARG41542 anti-ORM1 / alpha 1 Acid Glycoprotein antibody.