

CAB11625

Product Information

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|---------------------|----------|----------------------|--------|--------------------|---------------------|
| Product SKU: | CAB11625 | Gene ID: | 280717 | Size: | 20uL, 100uL |
| Clone No: | ARC0647 | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat,Cow |

Additional Information

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| Observed MW: | 70kDa | Conjugate: | Unconjugated |
| Calculated MW: | 69kDa | Isotype: | IgG |

Immunogen Information

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|------------------------------|---|
| Background: | Binds water, Ca(2+, Na(+, K(+, fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. Major zinc transporter in plasma, typically binds about 80% of all plasma zinc (By similarity. Major calcium and magnesium transporter in plasma, binds approximately 45% of circulating calcium and magnesium in plasma (Probable. Potentially has more than two calcium-binding sites and might additionally bind calcium in a non-specific manner. The shared binding site between zinc and calcium at residue Asp-272 suggests a crosstalk between zinc and calcium transport in the blood (Probable. The rank order of affinity is zinc > calcium > magnesium (Probable. Binds to the bacterial siderophore enterobactin and inhibits enterobactin-mediated iron uptake of E.coli, and may thereby limit the utilization of iron and growth of enteric bacteria such as E.coli. Does not prevent iron uptake by the bacterial siderophore aerobactin. |
| Recommended Dilution: | WB,1:2000 - 1:10000 |
| Synonyms: | Serum albumin; GIG20; GIG42; Albumin |
| Purification Method: | Affinity purification |
| Immunogen: | A synthetic peptide corresponding to a sequence within amino acids 100-200 of bovine Serum Albumin / BSA (P02769). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3. |