

**Anti-DONKEY SERUM (RABBIT) Antibody**  
**Donkey Serum Antibody**  
**Catalog # ASR3899**

**Specification**

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**Anti-DONKEY SERUM (RABBIT) Antibody - Product Information**

Host	Rabbit
Conjugate	Unconjugated
Target Species	Donkey
Reactivity	Donkey
Clonality	Polyclonal
Application	WB, E, IP, I, LCI
Application Note	Anti-Donkey antiserum is suitable for assays specific for the detection of proteins found in donkey serum. Cross reactivity to serum-proteins from other species has not been tested. Optimum experimental usage should be determined by researcher.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Donkey serum proteins
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Preservative	0.01% (w/v) Sodium Azide

**Anti-DONKEY SERUM (RABBIT) Antibody - Additional Information**

**Gene ID** 106835108

**Purity**

This product was prepared from polyspecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum and multiple precipitin arcs against Donkey Serum.

**Storage Condition**

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Anti-DONKEY SERUM (RABBIT) Antibody - Protein Information**

**Name** ALB**Function**

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 (By similarity). Potentially has more than two calcium-binding sites and might additionally bind calcium in a non-specific manner (By similarity). The shared binding site between zinc and calcium at residue Asp-272 suggests a crosstalk between zinc and calcium transport in the blood (By similarity). The rank order of affinity is zinc > calcium > magnesium (By similarity). Binds to the bacterial siderophore enterobactin and inhibits enterobactin-mediated iron uptake of E.coli from ferric transferrin, and may thereby limit the utilization of iron and growth of enteric bacteria such as E.coli (By similarity). Does not prevent iron uptake by the bacterial siderophore aerobactin (By similarity).

**Cellular Location**

Secreted.

**Tissue Location**

Plasma.

**Anti-DONKEY SERUM (RABBIT) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-DONKEY SERUM (RABBIT) Antibody - Images****Anti-DONKEY SERUM (RABBIT) Antibody - Background**

Anti-Donkey antiserum is specific for the components found in donkey serum. Donkey Serum provides a broad spectrum of macromolecules, carrier proteins for lipoid substances and trace elements, attachment and spreading factors, low molecular weight nutrients, and hormones and growth factors that promote cell growth and health. Donkey serum antibody is suitable for use in veterinary research and biotechnology applications and is ideal for investigators in Cancer and Cell Biology.