

Product datasheet for **AP33064SU-N**

Thrombospondin 1 (THBS1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ID, IP

Recommended Dilution: **Immunoprecipitation.**

Can be used in precipitating techniques as immunoelectrophoresis, single and double radial immunodiffusion Mancini, Ouchterlony), electroimmunodiffusion (Laurell) and neutralization assay. The presence of non-precipitating antibodies has not been assayed. This does not exclude use of the antiserum in non-precipitating antibody-binding techniques if proper controls are included.

Immunoelectrophoresis: Use 2 µl or equivalent against 120 µl antiserum.

Double Radial Immunodiffusion: Use a rosette arrangement with 10 µl antiserum in a 3 mm diameter centre well and 2 µl serum samples (neat and diluted) in 2 mm diameter peripheral wells.

Antibody titre: Measured by quantitative precipitin analysis. The amount of thrombospondin precipitated by 1 ml antiserum is between 75 and 125 mg.

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Immunogen: Thrombospondin, a glycoprotein, has been purified from platelet lysate. Freund's complete adjuvant is used in the first step of the immunization procedure.

Specificity: The defined antibody activity is directed to the various forms of thrombospondin. In bidimensional electrophoresis a single precipitin line is obtained with purified thrombospondin; with platelet lysate concentrate a slight precipitin line becomes visible. No precipitation is obtained with normal human serum.

Cross-reactivity: The antiserum does not cross-react with any other human plasma proteins as tested in gel-diffusion techniques. Inter-species cross-reactivity is a normal feature of antibodies to plasma or milk proteins, since homologous proteins of different species frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail.

Formulation: State: Serum
State: Lyophilized (delipidated, heat inactivated) stable whole antiserum
Preservative: 1 mg/ml Sodium Azide



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Reconstitution Method:	Restore by adding 1 ml of sterile distilled water
Concentration:	Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal sheep serum. No foreign proteins added.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	thrombospondin 1
Database Link:	Entrez Gene 7057 Human P07996
Synonyms:	TSP, TSP1
Note:	<u>Adsorption:</u> Immunoaffinity adsorbed using insolubilized fractions of human serum to eliminate antibodies reacting with other human serum or plasma proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.