
PAPP-A (1_1) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250219

Unit: 0.2 mg

Description:

Pregnancy-associated plasma protein-A (PAPP-A, Insulin-like growth factor binding protein-4 protease, PAPP-A-proMBP complex) is a large heterotetrameric glycoprotein of approximately 500 kDa, which was first discovered in serum from pregnant women. The heterotetramer consists of two PAPP-A subunits and two proMBP subunits. Low maternal serum levels of PAPP-A in first trimester biochemical screening is used as a marker of Down's syndrome (trisomy 21). This antibody is specific for native human PAPP-A.

Isotype: Mouse IgG1

Applications: E

Species Reactivity: H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Pregnancy-associated plasma protein A; Pappalysin-1(precursor); Insulin-like growth factor-dependent IGF-binding protein 4 protease; IGF-dependent IGFBP-4 protease; IGFBP-4ase

Accession No.: Q13219

Antigen: Purified human PAPP-A

Application Notes: Product Cat. No. 250219 only detects unreduced PAPP-A in Western Blotting. In a sandwich ELISA with a polyclonal antibody used as a capture reagent, Product Cat. No. 250219 reacts poorly with PAPP-A in third trimester serum. E: 1:20; WB: 1:1,000; IHC: 1:200

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.