

Product datasheet for **AP08115PU-N**

Fibronectin (FN1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry: 1/100-1/200 for 30 minute at room temp. using polymer system or streptavidin-biotin system. Formalin-fixed paraffin-embedded (FFPE) tissue sections and cell smears require antigen retriever, boiling tissue in 10 mM citrate buffer, pH 6.0 for 10-20 minute, followed by cooling at room temp. for 20 minutes. <i>Positive control:</i> Human kidney.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Purified human Fibronectin from human plasma.
Specificity:	This antibody reacts with Human Fibronectin in liver, tonsil, skin and kidney. Cellular localization: Connective tissue matrix and basement membrane.
Formulation:	10 mM PO ₄ , 150 mM NaCl, pH 7.4 State: Serum State: Liquid purified Ig fraction Stabilizer: 1% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	fibronectin 1
Database Link:	Entrez Gene 2335 Human P02751



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Background:

Fibronectin is a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and extracellular matrix. Fibronectin is involved in cell adhesion and migration process including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. They also occur as dimer of two 200 kDa subunits. Fibronectin has been implicated in carcinoma development in lung cancer. Fibronectin expression is increased especially in non-small cell lung carcinoma. The adhesion of lung carcinoma cells to Fibronectin enhances tumorigenicity and confers resistance to apoptosis induced by standard chemotherapeutic agents.

Synonyms:

FN1, Cold-insoluble globulin, CIG