

Datasheet for ABIN265414

anti-PTPN13 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	PTPN13
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Specificity:	This antibody detects endogenous levels of PTPN13 / FAP-1 protein (region surrounding Lys366).
Cross-Reactivity (Details):	Species reactivity (expected): Mouse and Rat. Species reactivity (tested): Human.
Purification:	Affinity chromatography using epitope-specific immunogen.

Target Details

Target:	PTPN13
Alternative Name:	PTPN13 (PTPN13 Products)
Background:	Fibroblast Activation Protein alpha subunit (FAPa or FAP, alpha) is a integral membrane gelatinase belonging to the serine protease family. FAPa is the alpha subunit and DPP4 (CD26)

Target Details

the beta subunit of a heterodimeric membrane-bound proteinase complex also known as 170 kDa Melanoma Membrane Gelatinase, Integral Membrane Serine Proteinase and Seprase, which also has subunit molecular weight as 88 kDa, 95 kDa, 97 kDa. Some cells make only FAP α homodimers, some only DPP4 homodimers. The monomer is inactive. FAP, α is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis. Synonyms: FAP1, Fas-associated protein-tyrosine phosphatase 1, PNP1, PTP-BAS, PTP-E1, PTP1E, PTPL1, Protein-tyrosine phosphatase 1E, Protein-tyrosine phosphatase PTPL1, Tyrosine-protein phosphatase non-receptor type 13

Molecular Weight: approx. 88 kDa

Gene ID: 5783

NCBI Accession: [NP_006255](#)

UniProt: [Q12923](#)

Application Details

Application Notes: ELISA: 1/10000-1/20000. Western Blot: 1/500-1/2000. Immunohistochemistry: 1/50-1/200.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Phosphate buffered saline (PBS), pH 7.2., 0.05 % Sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

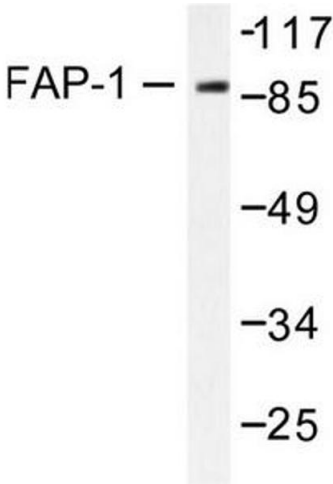


Image 1.

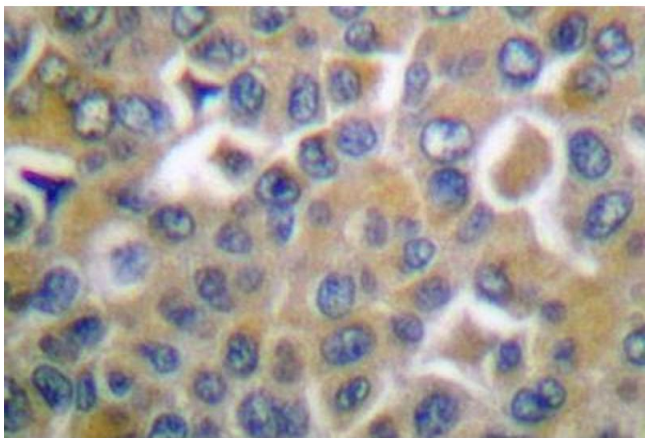


Image 2.