

Cytokeratin 18 Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP51309

Product Information

Application WB
Primary Accession P05783
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 48058

Additional Information

Gene ID 3875

Other Names Keratin, type I cytoskeletal 18, Cell proliferation-inducing gene 46 protein,

Cytokeratin-18, CK-18, Keratin-18, K18, KRT18, CYK18

Target/Specificity KLH conjugated synthetic peptide derived from human Cytokeratin 18

Dilution WB~~ 1:4000

Format 0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name KRT18

Synonyms CYK18

Function Involved in the uptake of thrombin-antithrombin complexes by hepatic cells

(By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

Cellular Location Nucleus matrix {ECO:0000250 | UniProtKB:Q5BJY9}. Cytoplasm, perinuclear

region. Nucleus, nucleolus. Cytoplasm {ECO:0000250|UniProtKB:Q5BJY9}

Tissue Location Expressed in colon, placenta, liver and very weakly in exocervix. Increased

expression observed in lymph nodes of breast carcinoma.

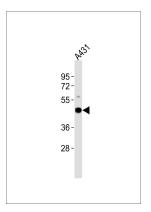
Background

Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

References

Oshima R.G.,et al.Differentiation 33:61-68(1986). Kim J.W.,et al.Submitted (SEP-2004) to the EMBL/GenBank/DDBJ databases. Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases. Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases. Kulesh D.A.,et al.Mol. Cell. Biol. 8:1540-1550(1988).

Images



Anti-Cytokeratin 18 Antibodyat 1:4000 dilution + A431 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 48 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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