

# CK18 Polyclonal Antibody

Catalog # AP63402

#### **Product Information**

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

#### **Additional Information**

**Gene ID** 3875

Other Names KRT18; CYK18; PIG46; Keratin, type I cytoskeletal 18; Cell

proliferation-inducing gene 46 protein; Cytokeratin-18; CK-18; Keratin-18; K18

**Dilution** WB~~WB: 1:1000-2000

Format PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50%

Glycerol.

Storage Conditions -20°C

#### **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

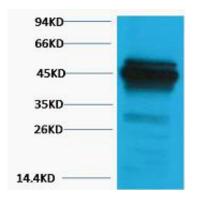
expression observed in lymph nodes of breast carcinoma.

### **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.

## **Images**



Western blot analysis of Hela, Rabbit pAb diluted at 1:2000.. Secondary antibody was diluted at 1:20000

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