

# Cytokeratin 18 Polyclonal Antibody

Catalog # AP69450

#### Specification

## Cytokeratin 18 Polyclonal Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality

WB, IHC-P, IF <u>P05783</u> Human Rabbit Polyclonal

#### Cytokeratin 18 Polyclonal Antibody - 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~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200

**Format** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20℃

#### Cytokeratin 18 Polyclonal Antibody - 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** 



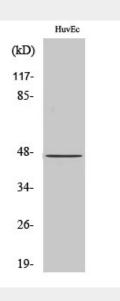
Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.

## Cytokeratin 18 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

# Cytokeratin 18 Polyclonal Antibody - Images



# Cytokeratin 18 Polyclonal Antibody - Background

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