

Cytokeratin 7 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51311**Specification**

Cytokeratin 7 Antibody - Product Information

Application	WB
Primary Accession	P08729
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54 KDa
Antigen Region	401 - 460

Cytokeratin 7 Antibody - Additional Information**Gene ID** 3855**Other Names**

Keratin, type II cytoskeletal 7, Cytokeratin-7, CK-7, Keratin-7, K7, Sarcolectin, Type-II keratin Kb7, KRT7, SCL

Target/Specificity

KLH conjugated synthetic peptide derived from human Cytokeratin 7

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

Cytokeratin 7 Antibody - Protein Information**Name** KRT7**Synonyms** SCL**Function**

Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).

Cellular Location

Cytoplasm.

Tissue Location

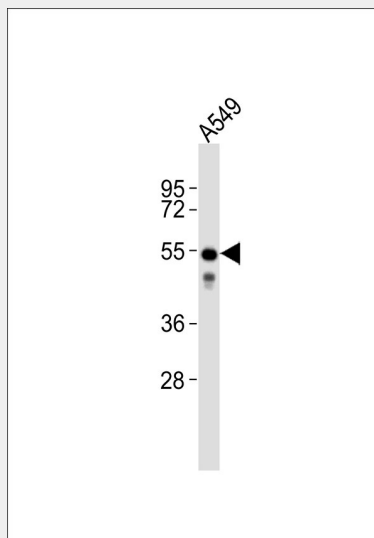
Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.

Cytokeratin 7 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cytokeratin 7 Antibody - Images



Anti-Cytokeratin 7 Antibody at 1:4000 dilution + A549 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 : 51 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.

Cytokeratin 7 Antibody - Background

Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).

Cytokeratin 7 Antibody - References

- Glass C., et al. J. Cell Biol. 101:2366-2373(1985).
Glass C., et al. J. Cell Biol. 107:1337-1350(1988).
Kaba A., et al. Biochimie 81:709-715(1999).
Smith F.J.D., et al. Biochem. Biophys. Res. Commun. 297:818-827(2002).
Scherer S.E., et al. Nature 440:346-351(2006).