Anti-Phospho-Cytokeratin 18 (S52) Rabbit Polyclonal Antibody

Catalog #: U0228

Aliases

CYK18; Keratin, type I cytoskeletal 18; Cell proliferation-inducing gene 46 protein; Cytokeratin-18; CK-18; Keratin-18; K18

Background

Gene Name: KRT18
NCBI Gene Entry: 3875
UniProt Entry: P05783

Application Information

Molecular Weight: Predicted, 48 kDa; observed, 46 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-Cytokeratin 18 (S52)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

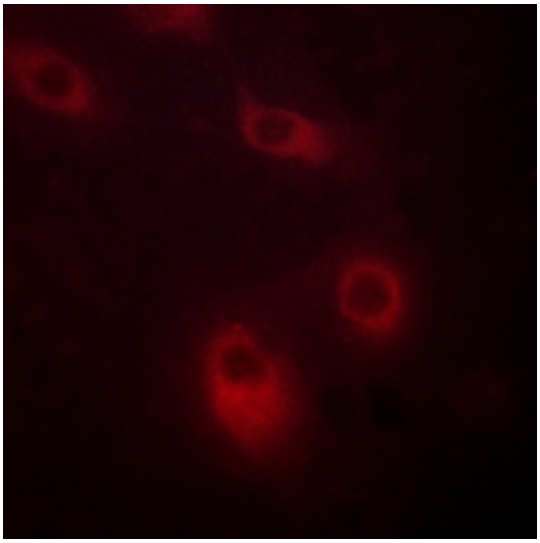
Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:50-1:100
Immunocytochemistry (IC): 1:50-1:200

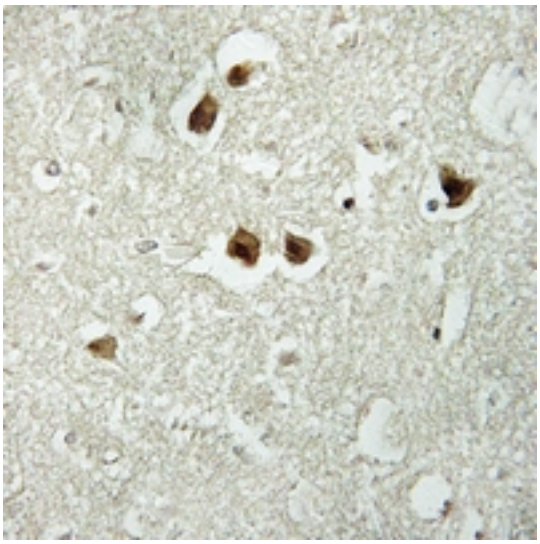
Note: This product is for research use only.

Validation Data

Anti-Phospho-Cytokeratin 18 (S52) Rabbit Polyclonal Antibody



Immunocytochemical analysis of Cytokeratin 18 (Phospho-S52) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of Cytokeratin 18 (Phospho-S52) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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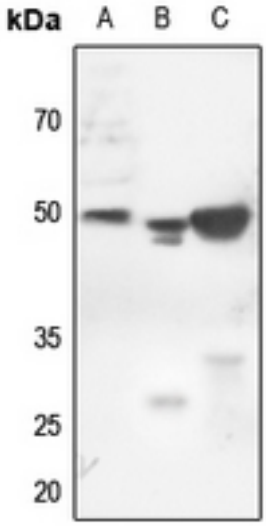

Western blotting analysis of Cytokeratin 18 (Phospho-S52) expression in HEK293T (A), Hela (B), DLD (C) whole cell lysates.