

AE4 polyclonal antibody

Catalog: BS31029

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Anion exchange protein 4: Electroneutral Cl⁻/HCO₃⁻ antiporter that favors chloride ion entry and efflux of hydrogencarbonate and sodium ion across the basolateral membrane and may participate in salivary secretion. Also mediates Cl⁻/HCO₃⁻ exchange activity in the presence of K⁺ as well as Cs⁺, Li⁺, and Rb⁺ (By similarity). Does not contribute to Cl⁻/HCO₃⁻ exchanger in the apical membrane of the upper villous epithelium (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~108 kDa

Swiss-Prot:

Q96Q91

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

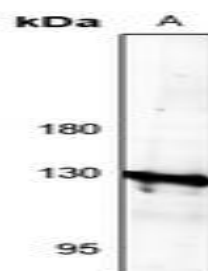
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of AE4 protein.

DATA:



Western blot analysis of Cytokeratin 19 expression in HCT116 (A) whole cell lysates.

Immunohistochemical analysis of Cytokeratin 19 staining in human colon 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.

Immunohistochemical analysis of Cytokeratin 19 staining in human kidney 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.

Note:

For research use only, not for use in diagnostic procedure.

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