TLE2 (K214) polyclonal antibody

Catalog: BS2034 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

TLEs associate with chromatin in live cells and specifically with Histone H3, but not with other core histones. Expression of the TLE genes, TLE1, TLE2, TLE3 and TLE4, correlate with immature epithelial cells that are progressing toward a terminally differentiated state, suggesting a role during epithelial differentiation. TLE1, TLE2 and TLE3 have elevated expression in cervial squamous metaplasias and carcinomas, while TLE4 is most highly expressed in the brain, particularly in the caudate nucleus. TLE1 and TLE4 contain SP and WD40 domains, through which TLE1 binds AML1 to inhibit AML1-induced transactivation of the CSF1 receptor.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 80 kDa

Swiss-Prot:

Q04725

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

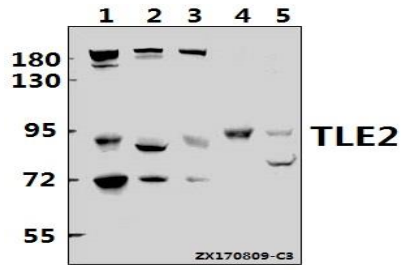
Storage&Stability:

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

Specificity:

TLE2 (K214) polyclonal antibody detects endogenous levels of TLE2 protein.

DATA:



Western blot (WB) analysis of TLE2 (K214) pAb at 1:500 dilution

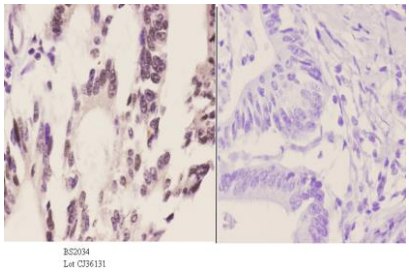
Lane1:K562 whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:The Brain tissue lysate of Mouse(40ug)

Lane5:The Brain tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of TLE2 (K214) pAb in paraffin-embedded human colon carcinoma tissue at 1:50.showing nucleus staining. Negative control (the right)Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

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

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