

ZNT9 polyclonal antibody

Catalog: BS62531

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Zinc, an essential element required for cell proliferation and differentiation, plays a role in a diverse array of cellular functions, including acting as a cofactor for numerous enzymes and transcription factors and as a neuroregulator. The zinc transporter (ZnT) or solute carrier 30 (SLC30) family regulates the supply of zinc within cells, and its members are characterized by containing six membrane-spanning domains, a large histidine-rich intracellular loop, and a C-terminal tail. ZnT proteins also belong to the cation diffusion facilitator (CDF) transporter family of metal ion transporters. ZnT-9, also known as HUEL (human embryonic lung protein), GAC63 (GRIP1-associated coactivator 1) or SLC30 member 9, displays ubiquitous expression in fetal and adult tissues as well as cancer cell lines. ZnT-9 localizes to the cytoplasm and is translocated to the nucleus during S phase. ZnT-9 has the lowest homology with the other zinc transporters and may function as a DNA-binding protein.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 55 kDa

Swiss-Prot:

Q6PML9

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

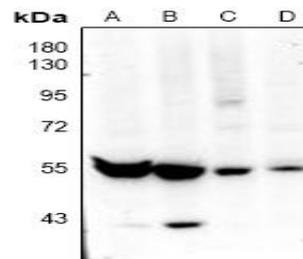
Storage&Stability:

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

Specificity:

ZNT9 polyclonal antibody detects endogenous levels of ZNT9 protein.

DATA:



Western blot (WB) analysis of ZNT9 polyclonal antibody at 1:500 dilution

LaneA:CT26 whole cell lysate

LaneB:C6 whole cell lysate

LaneC:HEK293T whole cell lysate

LaneD:HepG2 whole cell lysate

Note:

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

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