



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SLC35F2 polyclonal antibody

Catalog: BS34528

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Queuine/queuosine transporter SLC35F2: High affinity plasma membrane importer of the nucleobase queuine (q) and its nucleoside queuosine (Q), two bacterially derived micronutrients acquired from the gut microbiome and diet. Following cellular uptake, queuosine is incorporated at the wobble base (position 34) of tRNAs that decode histidine, tyrosine, aspartate, and asparagine codons, which is important for efficient translation. Also involved in choline transport, although the underlying transport mechanism remains to be elucidated

Product:

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

Molecular Weight:

~41.2 kDa

Swiss-Prot:

Q8IXU6

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 SLC35F2 protein

DATA:

Immunohistochemical analysis of Cytokeratin 6 staining in human lung squamous cell carcinoma 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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