

## **Product datasheet for TA322261**

## **SLC22A17 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: IHC, WB

Recommended Dilution: WB: 500-2000

WB positive control: Human esophagus cancer tissue

IHC: 25-100

Positive control: Human esophagus cancer

Predicted cell location: Cytoplasm

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Synthetic peptide corresponding to a region derived from 511-524 amino acids of human

solute carrier family 22, member 17

**Formulation:** PBS pH7.3, 0.05% NaN3, 50% glycerol

**Concentration:** lot specific

**Purification:** Antigen affinity purification

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 56 kDa

**Gene Name:** solute carrier family 22 member 17

Database Link: NP 065105

Entrez Gene 59049 MouseEntrez Gene 305886 RatEntrez Gene 51310 Human

Q8WUG5



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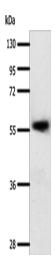
## Background:

Cell surface receptor for LCN2 (24p3) that plays a key role in iron homeostasis and transport. Able to bind iron-bound LCN2 (holo-24p3); followed by internalization of holo-24p3 and release of iron; thereby increasing intracellular iron concentration and leading to inhibition of apoptosis. Also binds iron-free LCN2 (apo-24p3); followed by internalization of apo-24p3 and its association with an intracellular siderophore; leading to iron chelation and iron transfer to the extracellular medium; thereby reducing intracellular iron concentration and resulting in apoptosis.

Synonyms: 24p3R; BOCT; BOIT; hBOIT; NGALR; NGALR2; NGALR3

**Protein Families:** Druggable Genome, Transmembrane

## **Product images:**



Gel: 10%SDS-PAGE Lysate: 40 μg

Lane: Human esophagus cancer tissue

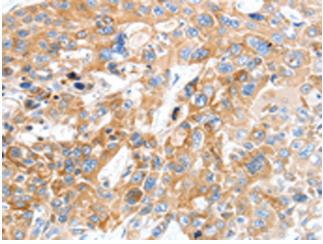
Primary antibody: TA322261 (SLC22A17 Antibody)

at dilution 1/600

Secondary antibody: Goat anti rabbit IgG at

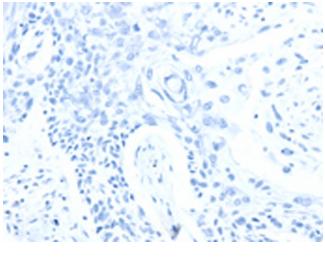
1/8000 dilution

Exposure time: 20 seconds

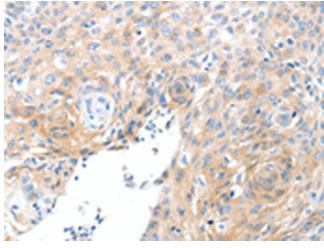


Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA322261 (SLC22A17 Antibody) at dilution 1/30 (Original magnification: ×200)

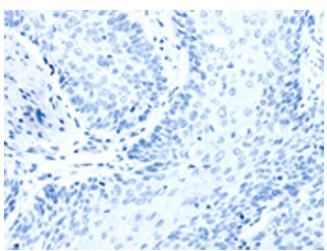




Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA322261 (SLC22A17 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA322261 (SLC22A17 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA322261 (SLC22A17 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)