# SLC22A17 Antibody

Catalog No: #37244

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## Description

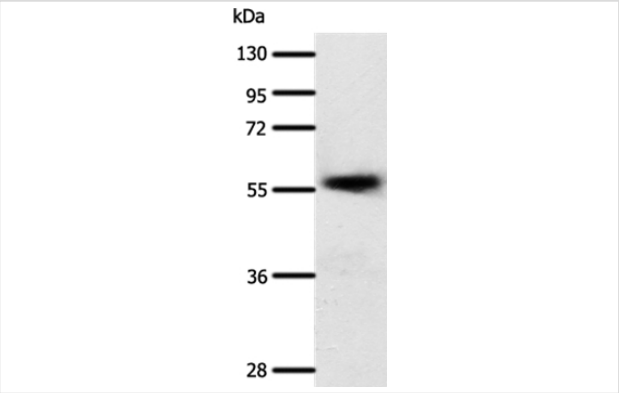
| | |
|---|---|
| Product Name | SLC22A17 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | WB IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total SLC22A17 protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human solute carrier family 22, member 17 |
| Target Name | SLC22A17 |
| Other Names | BOCT; BOIT; 24p3R; NGALR; hBOIT; NGALR2; NGALR3 |
| Accession No. | Swiss-Prot#: Q8WUG5NCBI Gene ID: 51310Gene Accssion: NP_065105.2 |
| Uniprot | Q8WUG5 |
| GeneID | 51310; |
| SDS-PAGE MW | 56kd |
| Concentration | 1.2mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol. |
| Storage | Store at -20°C |

## Application Details

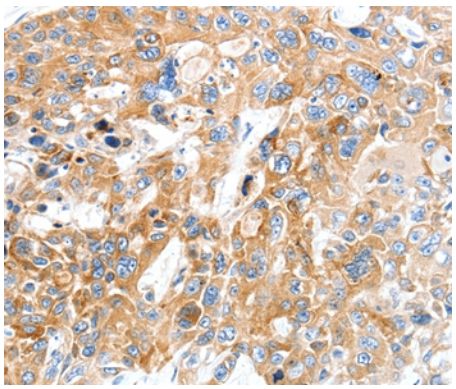
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

## Images




Gel: 10%SDS-PAGE
Lysates (from left to right): Human esophagus cancer tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/600 dilution
Secondary antibody dilution: 1/8000
Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #37244 at dilution 1/30.

## 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.

Note: This product is for in vitro research use only