

## VPS35 Antibody

Catalog No: #42841



Package Size: #42841-1 50ul #42841-2 100ul

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## Description

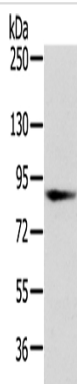
|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Product Name          | VPS35 Antibody                                                  |
| Host Species          | Rabbit                                                          |
| Clonality             | Polyclonal                                                      |
| Purification          | Antigen affinity purification.                                  |
| Applications          | WB IHC                                                          |
| Species Reactivity    | Hu                                                              |
| Specificity           | The antibody detects endogenous levels of total VPS35 protein.  |
| Immunogen Type        | protein                                                         |
| Immunogen Description | Fusion protein of human VPS35                                   |
| Target Name           | VPS35                                                           |
| Other Names           | MEM3; PARK17                                                    |
| Accession No.         | Swiss-Prot#: Q96QK1 Gene ID: 55737                              |
| Calculated MW         | 92kd                                                            |
| Concentration         | 6.4mg/ml                                                        |
| Formulation           | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Storage               | Store at -20°C                                                  |

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:45-1:300

## Images



Gel: 6%SDS-PAGE

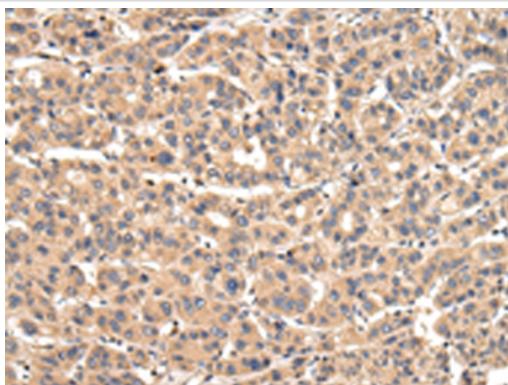
Lysate: 40 µg

Lane: Human fetal brain tissue

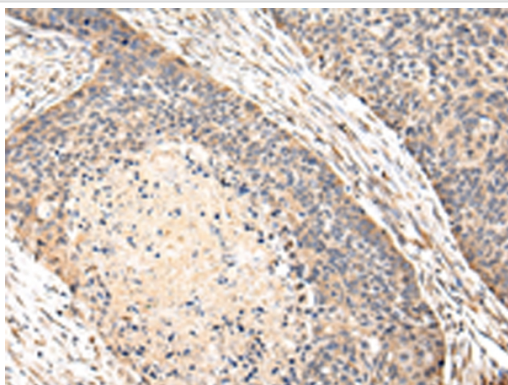
Primary antibody: 1/250 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #42841 at dilution 1/30.



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #42841 at dilution 1/30.

## Background

This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex.?

Note: This product is for in vitro research use only and is not intended for use in humans or animals.