

UBE2D1 Antibody

Catalog No: #32518

Package Size: #32518-1 50ul #32518-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

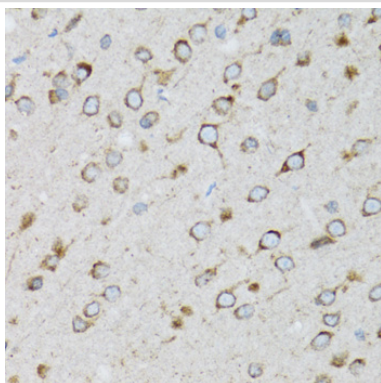
Description

| | |
|-----------------------|--|
| Product Name | UBE2D1 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were purified by affinity purification using immunogen. |
| Applications | WB,IHC |
| Species Reactivity | Human,Mouse,Rat |
| Specificity | The antibody detects endogenous level of total UBE2D1 protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Recombinant protein of human UBE2D1. |
| Target Name | UBE2D1 |
| Other Names | SFT; UBCH5; UBC4/5; UBCH5A; E2(17)KB1 |
| Accession No. | Swiss-Prot:P51668NCBI Gene ID:7321 |
| Uniprot | P51668 |
| GeneID | 7321; |
| SDS-PAGE MW | 17KD |
| Concentration | 1.0mg/ml |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

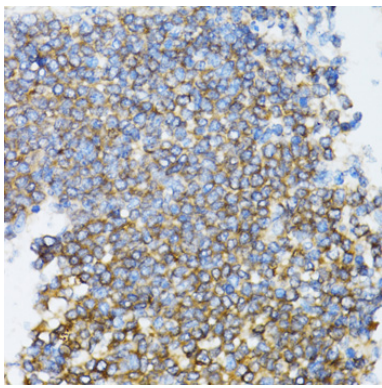
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200

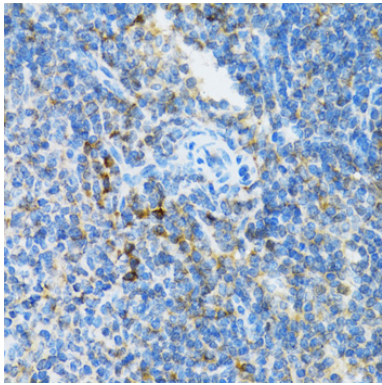
Images



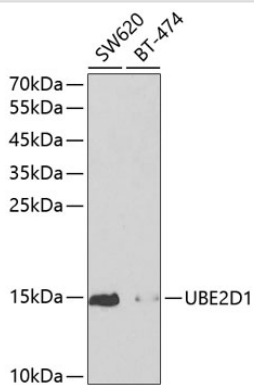
Immunohistochemistry of paraffin-embedded rat brain using UBE2D1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat spleen using UBE2D1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using UBE2D1 at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using UBE2D1 at 1:1000 dilution.

Background

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF1alpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases. Two transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only