USE1 Antibody

Catalog No: #43379

Orders: order@signalwayantibody.com
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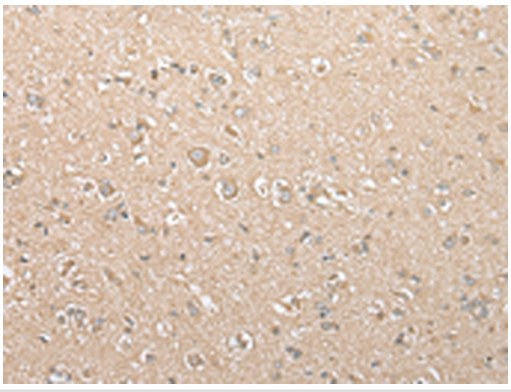
Description

Product Name	USE1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total USE1 protein.
Immunogen Description	Full length fusion protein of human USE1
Target Name	USE1
Other Names	D12; P31; SLT1; MDS032
Accession No.	Swiss-Prot#: Q9NZ43Gene ID: 55850
Uniprot	Q9NZ43
GeneID	55850;
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:20-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #43379 at dilution 1/25,

Background

In eukaryotic cells, the Golgi apparatus receives newly synthesized proteins from the endoplasmic reticulum (ER) and, after covalent modification, delivers them to their destination in the cell. For membrane-directed proteins this process is believed to be carried out via vesicular transport. Correct vesicular transport is determined by specific pairing of vesicle-associated SNAREs (v-SNAREs) with those on the target membrane (t-SNAREs). Unconventional SNARE in the ER 1, also known as USE1 or protein p31, is a 259 amino acid t-SNARE that forms a larger complex with ZW10, RINT-1 and Syntaxin 18. Upon Mg2+-AP treatment in the presence of NSF and ?-SNAP, ZW10, RINT-1 and USE1 dissociate from Syntaxin 18. USE1

is a single-pass type IV membrane protein that is localized to the endoplasmic reticulum membrane. Three named isoforms exist for USE1 as a result of alternative splicing events. SNARE that may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with the ER.

Note: This product is for in vitro research use only