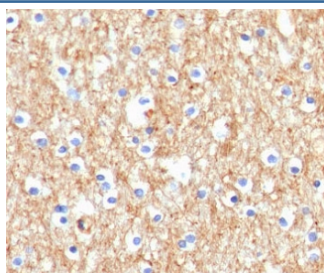


## Drebrin 1 Antibody [clone DRBP1-1] (V7643)

| Catalog No.    | Formulation  | Size   |
|----------------|--|--------|
| V7643-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V7643-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V7643SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

[Bulk quote request](#)

|                    |   |
|--------------------|---|
| Availability       | 1-3 business days   |
| Species Reactivity | Human   |
| Format             | Purified  |
| Host               | Mouse   |
| Clonality          | Monoclonal (mouse origin)                                   |
| Isotype            | Mouse IgG1, kappa   |
| Clone Name         | DRBP1-1   |
| Purity             | Protein G affinity chromatography                           |
| UniProt            | Q16643  |
| Localization       | Cytoplasmic   |
| Applications       | Immunohistochemistry (FFPE) : 1-2ug/ml                      |
| Limitations        | This Drebrin 1 antibody is available for research use only. |



IHC staining of FFPE human brain with Drebrin 1 antibody (clone DRBP1-1). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

## Description

Actin cytoskeleton-organizing protein that plays a role in the formation of cell projections. Required for actin polymerization at immunological synapses (IS) and for the recruitment of the chemokine receptor CXCR4 to IS. Plays a role in dendritic spine morphogenesis and organization, including the localization of the dopamine receptor DRD1 to the dendritic spines (By similarity). Involved in memory-related synaptic plasticity in the hippocampus (By similarity). [UniProt]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Drebrin 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Amino acids 150-281 were used as the immunogen for the Drebrin 1 antibody.

## Storage

Store the Drebrin 1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).