

DORFIN / RNF19 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2287a**Specification**

DORFIN / RNF19 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O9NV58
Other Accession	NP_056250.3 , NP_904355.1 , 25897
Predicted	Human, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	90696

DORFIN / RNF19 Antibody (C-Term) - Additional Information**Gene ID** 25897**Other Names**

E3 ubiquitin-protein ligase RNF19A, 6.3.2.-, Double ring-finger protein, Dorfin, RING finger protein 19A, p38, RNF19A, RNF19

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DORFIN / RNF19 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

DORFIN / RNF19 Antibody (C-Term) - Protein Information**Name** RNF19A**Synonyms** RNF19**Function**

E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates, such as SNCAIP or CASR. Specifically ubiquitinates pathogenic SOD1 variants, which leads to their proteasomal degradation and to neuronal protection.

Cellular Location

Membrane; Multi-pass membrane protein. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Present in the hyaline inclusion bodies specifically found in motor neurons from amyotrophic lateral sclerosis patients. Present in the Lewy bodies specifically found in neurons from Parkinson disease patients

Tissue Location

Widely expressed, with highest levels in heart. Ubiquitously expressed in the central nervous system

DORFIN / RNF19 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DORFIN / RNF19 Antibody (C-Term) - Images**DORFIN / RNF19 Antibody (C-Term) - Background**

Both variants (NP_056250.3; NP_904355.1) encode the same protein.

DORFIN / RNF19 Antibody (C-Term) - References

A novel centrosomal ring-finger protein, dorfin, mediates ubiquitin ligase activity. Niwa J, Ishigaki S, Doyu M, Suzuki T, Tanaka K, Sobue G. Biochem Biophys Res Commun. 2001 Mar 2;281(3):706-13. PMID: 11237715