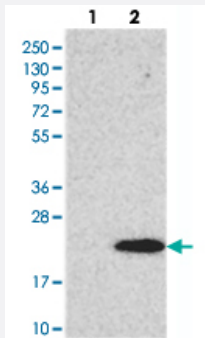


FUNDC1 polyclonal antibody

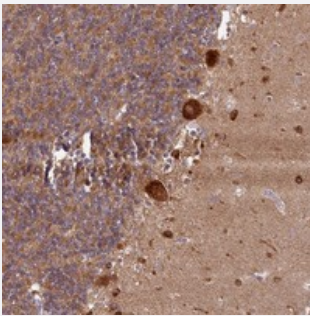
Catalog # PAB23345 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with FUNDC1 polyclonal antibody (Cat # PAB23345).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum with FUNDC1 polyclonal antibody (Cat # PAB23345) shows strong cytoplasmic positivity in Purkinje cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant FUNDC1.
Immunogen	Recombinant protein corresponding to amino acids of human FUNDC1.
Sequence	MATRNPPPQDYESDDDSYEVLDTYARRHQWWNRVFGHSSGPMVEKYSVATQIVM
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification

Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — FUNDC1

Entrez GeneID	139341
Protein Accession#	Q8IVP5
Gene Name	FUNDC1
Gene Alias	MGC51029
Gene Description	FUN14 domain containing 1
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000023173

Publication Reference

- [Electroacupuncture Pretreatment Alleviates Cerebral Ischemia-Reperfusion Injury by Regulating Mitophagy via mTOR-ULK1/FUNDC1 Axis in Rats.](#)

Weiqian Tian, Minmin Zhu, Yudi Zhou, Chenlu Mao, Rong Zou, Yaomei Cui, Sha Li, Juan Zhu, Cheng Hu.

Journal of Stroke and Cerebrovascular Diseases 2022 Jan; 31(1):106202.

Application: WB-Ti, Rat, Rat brain

- [Electroacupuncture Pretreatment against Cerebral Ischemia/Reperfusion Injury through Mitophagy.](#)

Chenlu Mao, Cheng Hu, Yudi Zhou, Rong Zou, Sha Li, Yaomei Cui, Weiqian Tian.

Evidence-Based Complementary and Alternative Medicine : ECAM. 2020 Sep; 2020:7486041.

Application: WB-Ti, Rat, Rat brain