

Anti-MFF Antibody

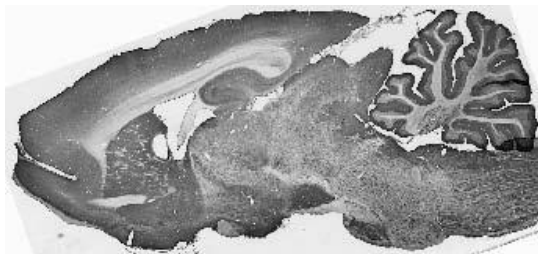


Product Details

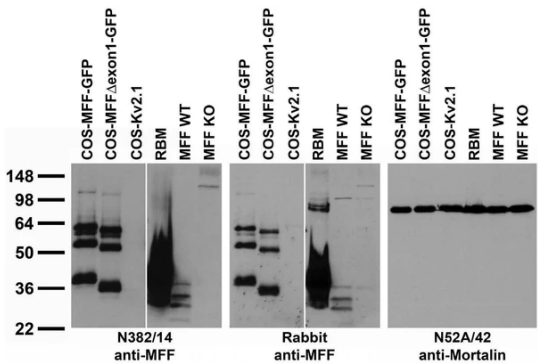
Available Variants	100 µL (SKU:75-366)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N382/14
Gene Name	MFF C2orf33 AD030 AD033 GL004
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 1-173 (MSKRTSSDTPLGRVSGAAFPSPTASEMAEISRIQYEMEYTEGISQRM RVPEK LKVAPPNADLEQGFQEGVPNASVIMQVPERIVVAGNNEDVSFSRPADLDLIQS TPFKPLALKTPPRVLTLSERPLDFDLERPPVTPQNEEIRAVGRLKRERSMSE NAVRQNGQLVRNDSV, cytoplasmic N-terminal exons 1, 2, 3 and 4) and 272- 322 (YGISNIEATIEGTSSDDM TVVDAASLRRQIIKLNRRLLQLLEENKERAKREM, cytoplasmic N-terminal exons 8 and most of 9) of mostly human MFF (also known as Mitochondrial fission factor, C2orf33, AD030, AD033 and GL004, accession number Q9GZY8)

Specificity	No cross-reactivity reported
Molecular Weight	40 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2315891
UniProt ID	Q9GZY8
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



Adult rat brain immunohistochemistry.



Immunoblot against crude extracts of COS cells transiently transfected with GFP-tagged MFF, MFFDexon1 or untagged Kv2.1 plasmid, adult rat brain membranes (RBM) or MFF wild-type (WT) or knockout (KO) mouse embryonic fibroblast cells probed with N382/14 TC supe (left), rabbit polyclonal (middle) or N52A/42 TC supe (right). Mouse cell samples courtesy of Jodi Nunnari (UC Davis).



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