

Product Datasheet

MACF1 Antibody - BSA Free

NBP2-36528

Unit Size: 100 ul

Store at 4C. Do not freeze.

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MACF1 Antibody - BSA Free

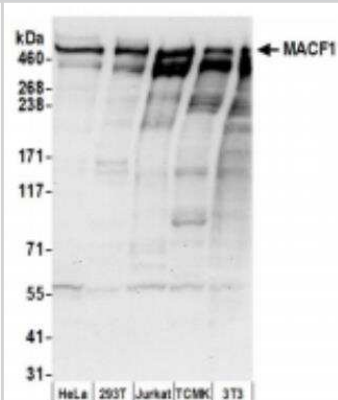
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Host	Rabbit
Gene ID	23499
Gene Symbol	MACF1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1975 to 2025 of human Microtubule-Actin Crosslinking Factor 1 using the numbering given in entry NP_036222.3.

Product Application Details	
Applications	Western Blot, Immunoprecipitation (Negative)
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunoprecipitation (Negative)
Application Notes	Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Images

Western Blot: MACF1 Antibody [NBP2-36528] - Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MACF1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Alireza Ghasemizadeh, Emilie Christin, Alexandre Guiraud, Nathalie Couturier, Marie Abitbol, Valerie Risson, Emmanuelle Girard, Christophe Jagla, Cedric Soler, Lilia Laddada, Colline Sanchez, Francisco-Ignacio Jaque-Fernandez, Vincent Jacquemond, Jean-Luc Thomas, Marine Lanfranchi, Julien Courchet, Julien Gondin, Laurent Schaeffer, Vincent Gache, Mohammed Akaaboune, Didier YR Stainier MACF1 controls skeletal muscle function through the microtubule-dependent localization of extra-synaptic myonuclei and mitochondria biogenesis eLife 2021-08-27 [PMID: 34448452]

Zhang K, Qiu W, Li H et al. MACF1 overexpression in BMSCs alleviates senile osteoporosis in mice through TCF4/miR-335-5p signaling pathway Journal of orthopaedic translation 2023-03-01 [PMID: 36969134] (WB, Mouse)





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Products Related to NBP2-36528

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00023499-Q01-10ug	Recombinant Human MACF1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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