

Herculin / MYF6 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3172a**Specification**

Herculin / MYF6 Antibody (internal region) - Product Information

Application	WB
Primary Accession	P23409
Other Accession	NP_002460.1 , 4618 , 17878 (mouse) , 25714 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	26953

Herculin / MYF6 Antibody (internal region) - Additional Information**Gene ID** 4618**Other Names**

Myogenic factor 6, Myf-6, Class C basic helix-loop-helix protein 4, bHLHc4, Muscle-specific regulatory factor 4, MYF6, BHLHC4, MRF4

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

Herculin / MYF6 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Herculin / MYF6 Antibody (internal region) - Protein Information**Name** MYF6**Synonyms** BHLHC4, MRF4**Function**

Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.

Cellular Location

Nucleus.

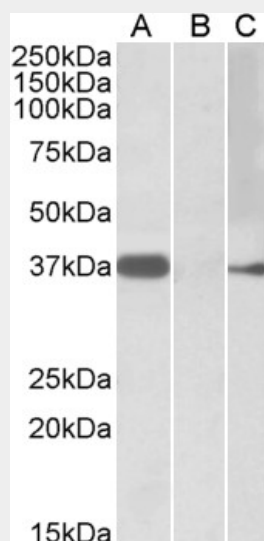
Tissue Location

Skeletal muscle.

Herculin / MYF6 Antibody (internal region) - 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](#)

Herculin / MYF6 Antibody (internal region) - Images

HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human MYF6 with MYC tag probed with AF3172a (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with AF3172a (0.5mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

Herculin / MYF6 Antibody (internal region) - References

The myogenic basic helix-loop-helix family of transcription factors shows similar requirements for SWI/SNF chromatin remodeling enzymes during muscle differentiation in culture. Roy K, de la Serna IL, Imbalzano AN, The Journal of biological chemistry 2002 Sep 277 (37): 33818-24. PMID: 12105204