

(DANRE) mc4r Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21404a

Specification

(DANRE) mc4r Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	BOV1P1
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	36435
Antigen Region	25-57

(DANRE) mc4r Antibody (N-Term) - Additional Information

Gene ID 286833

Other Names

Melanocortin receptor 4, MC4-R, mc4r

Target/Specificity

This DANRE mc4r antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 25-57 amino acids from the human region of DANRE mc4r.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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

Precautions

(DANRE) mc4r Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

(DANRE) mc4r Antibody (N-Term) - Protein Information

Name mc4r

Function Receptor specific to the heptapeptide core common to adrenocorticotrophic hormone and alpha-, beta-, and gamma-MSH. Plays a central role in energy homeostasis and somatic growth.

This receptor is mediated by G proteins that stimulate adenylyate cyclase (cAMP).

Cellular Location

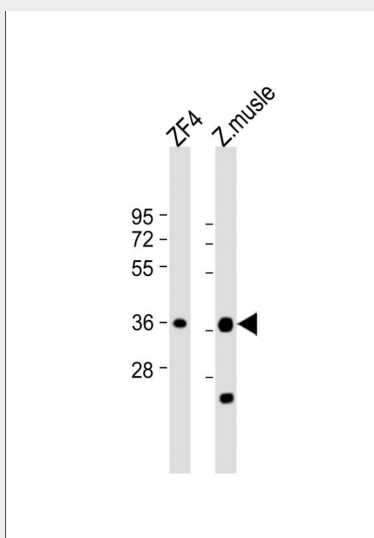
Cell membrane; Multi-pass membrane protein.

(DANRE) mc4r Antibody (N-Term) - Protocols

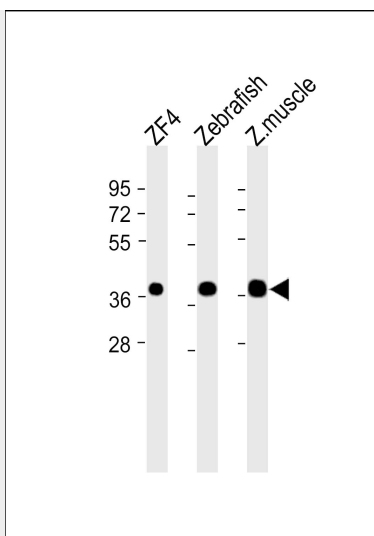
Provided below are standard protocols that you may find useful for product applications.

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

(DANRE) mc4r Antibody (N-Term) - Images



All lanes : Anti-(DANRE) mc4r Antibody (N-Term) at 1:1000 dilution Lane 1: ZF4 whole cell lysate
Lane 2: Z. muscle whole lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit
IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-(DANRE) mc4r Antibody (N-Term) at 1:2000 dilution Lane 1: ZF4 whole cell lysate Lane 2: Zebrafish whole cell lysate Lane 3: Z. muscle whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

(DANRE) mc4r Antibody (N-Term) - Background

Receptor specific to the heptapeptide core common to adrenocorticotrophic hormone and alpha-, beta-, and gamma-MSH. Plays a central role in energy homeostasis and somatic growth. This receptor is mediated by G proteins that stimulate adenylate cyclase (cAMP).

(DANRE) mc4r Antibody (N-Term) - References

Ringholm A.,et al.J. Neurochem. 82:6-18(2002).
Logan D.W.,et al.Genomics 81:184-191(2003).
Howe K.,et al.Nature 496:498-503(2013).
Sebag J.A.,et al.Science 341:278-281(2013).