

Anti-ATP5O/ATP5PO Antibody (Monoclonal, 31A54)

Catalog Number: M32274-1

About ATP5PO

The protein encoded by this gene is a component of the F-type ATPase found in the mitochondrial matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. The encoded protein appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton conductance.

Overview

Product Name	Anti-ATP5O/ATP5PO Antibody (Monoclonal, 31A54)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ATP5O/ATP5PO Antibody (Monoclonal, 31A54) catalog # M32274-1. Tested in WB, IHC, IF, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal 31A54
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P48047

Technical Details

Immunogen	Recombinant protein within human ATP5O aa 3-211.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunofluorescence, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200

ImmunoPrecipitation, 1:50
Flow Cytometry (Fixed), 1:50-200

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