Goat mTopaz Polyclonal Antibody

anti-mTopaz

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63256	**Goat**	**Transfected cells, Green Fluorescent Protein**	**Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

mTopaz; Polyclonal Antibody; anti-mTopaz; green fluorescent protein antibody; anti-mTopaz antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Transfected cells, Green Fluorescent Protein
Clonality	Polyclonal
Isotype	IgG
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 27kDa by Western blot. This antibody does not recognize RFP (red fluorescent protein).
Purity/Purification	Epitope affinity purified
Form/Format	Polyclonal antibody supplied as a 100ul (3mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Concentration	3mg/ml (varies by lot)
Applicable Applications for anti-mTopaz antibody	IEM (Immunoelectron Microscopy), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Conjugation	Unconjugated
Immunogen	Purified recombinant fluorescent protein produced in E Coli.
Preparation and Storage	Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

IMAGES

IF (Immunofluorescence)
Immunofluorescence - anti-mTopaz Ab using NIH3T3 cells transduced with mTopaz-Rab5a; cells were fixed with methanol and anti-mTopaz at 1/250;

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Immunofluorescence - anti-mTopaz Ab using NIH3T3 cells transduced with mTopaz-Rab5a; cells were fixed with methanol and anti-mTopaz at 1/250;

Application Data
Anti-mTopaz Ab at 1/2,500 dilution using HEK293 transfected cell lysates at 50 ug per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

Reactivity Data

ADDITIONAL INFORMATION

Related Product Information for anti-mTopaz antibody	Goat polyclonal antibody to mTopaz (Topaz fluorescent protein). mTopaz is a basic (constitutively fluorescent), monomeric engineered derivate of green fluorescent protein (GFP) isolated from Aequorea victoria. mTopaz is a ~27kDa protein that is optimally excited at a 514nm and has a maximum of emission at 527nm. It is used in research as a reporter to label and study the biology of the cell using a wide range of applications.
Product Categories/Family for anti-mTopaz antibody	Primary

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/mtopaz-antibody-immunoelectron-microscopy-immunohistochemistry-immunohistochemistry-immunofluorescence-western-blot-elisa/63256