

Goat Sapphire Polyclonal Antibody

anti-Sapphire

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63213	Goat	Transfected cells, Green Fluorescent Protein	Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Western Blot

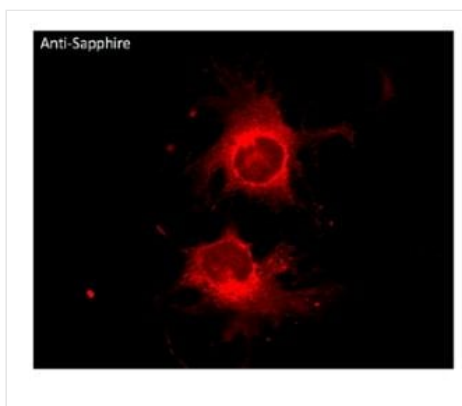
PRODUCT SYNONYMS

Sapphire; Polyclonal Antibody; anti-Sapphire; A green fluorescent protein antibody; anti-Sapphire antibody

PRODUCT SPECIFICATIONS

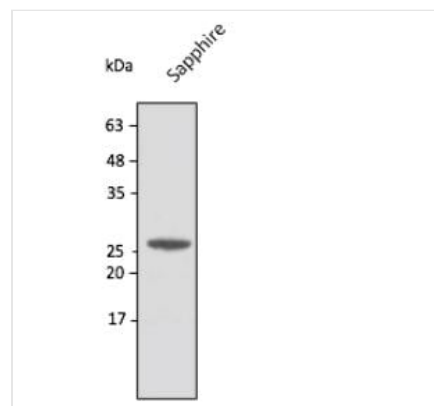
Host	Goat
Reactivity	Transfected cells, Green Fluorescent Protein
Clonality	Polyclonal
Isotype	IgG
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 27kDa by Western blot. This antibody does not recognize RFP (red fluorescent protein).
Purity/Purification	Epitope affinity purified
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-Sapphire 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



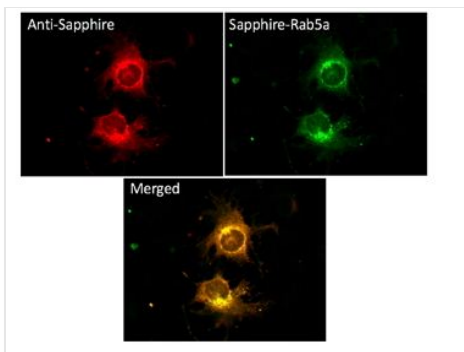
IF (Immunofluorescence)

Immunofluorescence - anti-Sapphire Ab using NIH3T3 cells transduced with Sapphire-Rab5a; cells were fixed with methanol and anti-Sapphire at 1/100;



Application Data

Anti-Sapphire Ab at 1/2,500 dilution; 293HEK cells transfected with Sapphire; lysates at 50 ug per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Sample	WB	IHC (P)	IHC (P)	IF	ELISA	IEM
Transfected cells	+++	+++	+++	+++	ND	+++

Reactivity Data

IF (Immunofluorescence)

Immunofluorescence -Anti-Sapphire Ab using NIH3T3 cells transduced with Sapphire-Rab5a; cells were fixed with methanol and Anti-Sapphire at 1/100;

ADDITIONAL INFORMATION

Related Product Information for anti-Sapphire antibody

Goat polyclonal antibody to Sapphire. Sapphire is a basic (constitutively fluorescent) long stokes shift fluorescent protein engineered from green fluorescent protein (GFP) isolated from *Aequorea victoria*. It is reported to be a rapidly-maturing weak dimer with low acid sensitivity. Sapphire is a ~27kDa protein that is optimally excited at a 399nm and has a maximum of emission at 511nm. 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-Sapphire 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/sapphire-antibody-immunoelectron-microscopy-immunohistochemistry-immunohistochemistry-immunofluorescence-western-blot-elisa/63213>