

GIYD2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55145**Specification**

GIYD2 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9BQ83
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30771

GIYD2 Polyclonal Antibody - Additional Information**Gene ID** 548593;79008**Other Names**

Structure-specific endonuclease subunit SLX1 {ECO:0000255|HAMAP-Rule:MF_03100}, 3.1.-.-
{ECO:0000255|HAMAP-Rule:MF_03100}, GIY-YIG domain-containing protein 1
{ECO:0000255|HAMAP-Rule:MF_03100}, SLX1A {ECO:0000255|HAMAP-Rule:MF_03100}

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

GIYD2 Polyclonal Antibody - Protein Information**Name** SLX1A {ECO:0000255|HAMAP-Rule:MF_03100}**Function**

Catalytic subunit of the SLX1-SLX4 structure-specific endonuclease that resolves DNA secondary structures generated during DNA repair and recombination. Has endonuclease activity towards branched DNA substrates, introducing single-strand cuts in duplex DNA close to junctions with ss-DNA. Has a preference for 5'-flap structures, and promotes symmetrical cleavage of static and migrating Holliday junctions (HJs). Resolves HJs by generating two pairs of ligatable, nicked duplex products.

Cellular Location

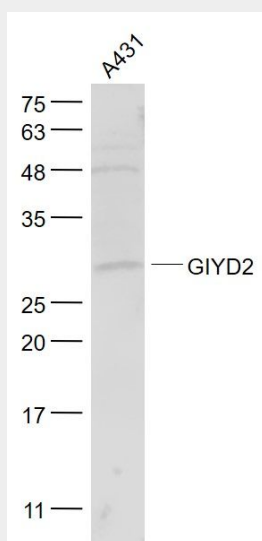
Nucleus {ECO:0000255|HAMAP-Rule:MF_03100, ECO:0000269|PubMed:19596236}

GIYD2 Polyclonal Antibody - 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](#)

GIYD2 Polyclonal Antibody - Images



Sample:

A431(Human) Cell Lysate at 30 ug

Primary: Anti- GIYD2 (bs-13361R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 31 kD

Observed band size: 31 kD