

CAS9 polyclonal antibody

Catalog: BS79938

Host: Rabbit

Reactivity: Human, Other (Wide Range)

Background:

Staphylococcus aureus Cas9 (SaCas9) is an RNA-guided endonuclease that targets complementary DNA adjacent to a protospacer adjacent motif (PAM) for cleavage. Its small size facilitates in vivo delivery for genome editing in various organisms.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

160KDa

Swiss-Prot:

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:5000 - 1:10000 | IF/ICC, 1:50 - 1:200

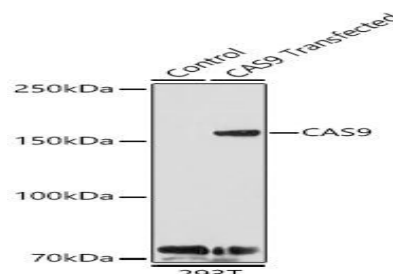
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

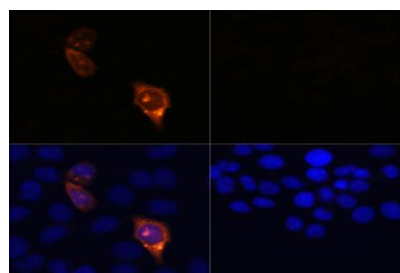
Modification:

Unmodification

DATA:



Western blot analysis of extracts of 293T cells and 293T transfected with CAS9 protein, using CAS9 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 120s.



Immunofluorescence analysis of HeLa cells transfected with Cas9 and untreated HeLa cells using CAS9 Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.

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