

HRP-conjugated Rabbit anti HA-Tag mAb

Catalog No.: AE123 1 Publications

Basic Information

Observed MW

53kDa

Calculated MW**Category**

Tag antibody

Applications

WB

Cross-Reactivity

Species independent

Clone/No number

ARC59578-HRP

Conjugate

HRP

Background

Protein tags are peptide sequences genetically grafted onto a recombinant protein. Often these tags are removable by chemical agents or by enzymatic means, such as proteolysis or intein splicing. Tags are attached to proteins for various purposes. Epitope tags are short peptide sequences which are chosen because high-affinity antibodies can be reliably produced in many different species. These are usually derived from viral genes, which explain their high immunoreactivity. Epitope tags include V5-tag, Myc-tag, HA-tag and NE-tag. These tags are particularly useful for western blotting, immunofluorescence and immunoprecipitation experiments, although they also find use in antibody purification.

Recommended Dilutions

WB 1:10000 - 1:70000

Immunogen Information

Gene ID**Swiss Prot****Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

HA; HA tag; HA-tag; HA-Tag

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

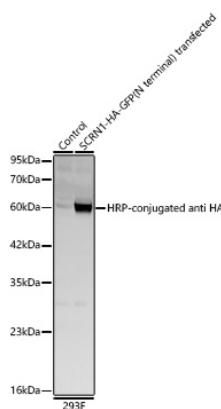
Affinity purification

Storage

Store at -20°C. Avoid freeze.

Buffer: PBS containing 50% glycerol and 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with SCRN1-HA-GFP(N terminal) using HRP-conjugated Rabbit anti HA-Tag mAb(AE123) at 1:10000 dilution.
Lysates/proteins: 30 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.