AE036

Leader in Biomolecular Solutions for Life Science

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Rabbit anti HA-Tag pAb

Catalog No.: AE036 42 Publications

Basic Information

Observed MW
26kDa

Calculated MW

Category
Polyclonal Antibody

Applications
WB,IF/ICC

Cross-Reactivity
Species independent

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	1:2000 - 1:6000
IF	1:50 - 1:200

Immunogen Information

Gene ID **Swiss Prot**

Immunogen
A synthetic peptide corresponding to HA-Tag.

Synonyms
HA;HA tag;HA-tag

Contact

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Product Information

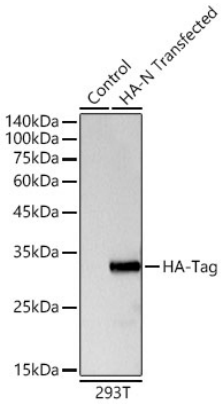
Source
Rabbit

Isotype
IgG

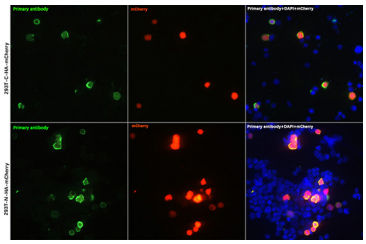
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from 293T cells, using Rabbit anti HA-Tag pAb (AE036) at 1:5000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.



Immunofluorescence analysis of 293T-HA-C and 293T-HA-N cells using Rabbit anti HA-Tag pAb (AE036) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.