

**HA Tag Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5663**

**Specification**

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**HA Tag Antibody - Product Information**

Application	<b>WB,E</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>45-50 KDa</b>
Isotype	<b>Rabbit IgG</b>
Antigen Source	<b>HUMAN</b>

**HA Tag Antibody - Additional Information**

**Antigen Region**  
NA

**Other Names**  
Glutathione S-transferase

**Dilution**  
WB~~1:1000

**Target/Specificity**  
KLH conjugated synthetic peptide encoding HA tag was used as antigen.

**Storage**  
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**  
HA Tag Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**HA Tag Antibody - Protein Information**

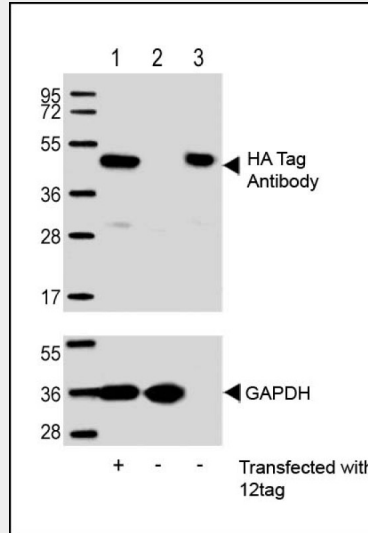
**HA Tag Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

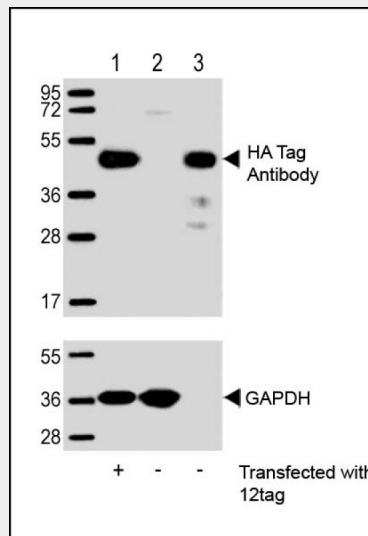
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

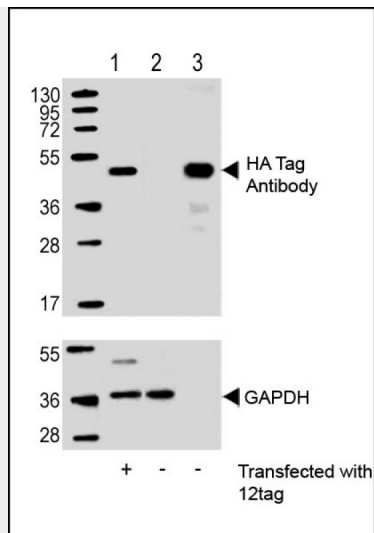
**HA Tag Antibody - Images**



All lanes : Anti-HA Tag Antibody at 1:1000 dilution (upper) or GAPDH (lower) Lane 1: 293T/17 transfected with 12tag lysate (10ug) Lane 2: Non-transfected 293T/17 lysate (10ug) Lane 3: 12tag recombinant protein lysate (0.1ug) Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45-50 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



All lanes : Anti-HA Tag Antibody at 1:1000 dilution (upper) or GAPDH (lower) Lane 1: 293T/17 transfected with 12tag lysate (10ug) Lane 2: Non-transfected 293T/17 lysate (10ug) Lane 3: 12tag recombinant protein lysate (0.1ug) Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45-50 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



All lanes : Anti-HA Tag Antibody at 1:1000 dilution (upper) or GAPDH (lower) Lane 1: 293T/17 transfected with 12tag lysate (0. 5ug) Lane 2: Non-transfected 293T/17 lysate (0. 5ug) Lane 3: 12tag recombinant protein lysate (0. 1ug) Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45-50 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

### HA Tag Antibody - Background

Epitope tags consisting of short sequences recognized by well-characterized antibodies have been widely used in the study of protein expression in various systems. The HA tag (YPYDVPDYAYPYDVPDYA) is an established example. Abgent's anti-HA polyclonal antibody provides a simple solution to detect the expression of an HA-tagged protein in cells.

### HA Tag Antibody - References

Marco. et.al., J Biol Chem. (2009) February 6; 284(6): 3577-3585. Kolodziej, PA and Young RA. (1991) Methods Enzymol., 194:508-19. Sells MA and Chernoff J. (1995) Gene, 152:187-9.