

For Research Use Only

HA-Trap Agarose, Kit for Immunoprecipitation



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Catalog Number: **atak**

Basic Information

Catalog Number:

atak

Applications:

IP, Co-IP

Conjugate:

Agarose beads; ~90 um (cross-linked 4% agarose beads)

Host:

Alpaca

Type:

Nanobody

Class:

Recombinant

Description

The HA-Trap Agarose Kit is a ready-to-use reagent for the IP of HA-tagged proteins. It consists of an anti-HA-tag Nanobody/VHH coupled to agarose beads, along with lysis, wash, and elution buffers to use in the IP process.

Specificity/Target

Binds specifically to the HA-tag (sequence YPYDVPDYA) fused to a protein of interest at N-, C- or internal position. Please note that the affinity is highest for a C-terminal fusion. There is no cross-reactivity to other common peptide tags such as the His6-tag, FLAG-tag, Spot-Tag, V5-tag, Strep-tag, or C-tag (other tags not tested). Background binding to host cell proteins from a range of organisms such as human, mouse and dog cell lines or yeast and plants is low.

Elution buffer

2x SDS-sample buffer (Lamml)

Affinity (K_D)

6 nM for C-terminal HA-tags and ca. 180 nM for N-terminal fusions.

Storage

Storage:

Shipped at ambient temperature. Upon receipt store at +4°C. Stable for one year. DO not freeze!

Storage Buffer:

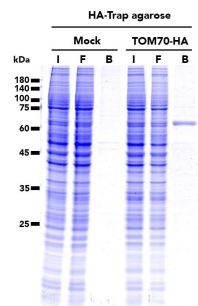
20% ethanol

For technical support and original validation data for this product please contact

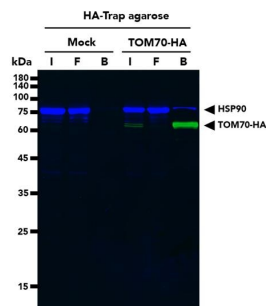
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1(312) 455-8498 (outside USA) W: www.ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



The HA-Trap Agarose Kit was used to immunoprecipitate TOM70-HA fusion protein from either untransfected (mock) HEK293T cells or HEK293T cell transfected with full-length TOM70-HA construct. SDS-PAGE analysis was done on samples from the Input (I), Flow-through (F), Bound (B) fractions.



Co-IP using HA-Trap Agarose Kit followed by multiplexed WB of TOM70-HA and HSP90 proteins from untransfected (mock) HEK293T cells and HEK293T cells transfected with full-length TOM70-HA construct. WB analysis was done on samples from the Input (I), Flow-through (F) and Bound (B) fractions of the IP. TOM70 Monoclonal Antibody (66593-1-Ig), Multi-rAB CoraLite Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (RGAM002), HSP90 Polyclonal Antibody (13171-1-AP), and Multi-rAb CoraLite Plus 750-Goat Anti Rabbit Recombinant Secondary Antibody (RGAR006) were used in the WB analysis.