

Anti-mAID tag Antibody

ER1802-93



Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Species independent
Applications:	WB

Description: Auxin-inducible degron (AID) technology allows rapid depletion of proteins in animal cells and fungi. Auxin includes chemicals such as IAA (indole-3-acetic acid) and NAA (1-naphthalene acetic acid) and includes inhibitors in plants. For the degradation, and SCF ubiquitin ligase complex containing the TIR1 protein is activated via the association of auxin with TIR1. Because the core SCF components are conserved in all eukaryotic cells, it is possible to transplant the degradation pathway to yeast and mammalian cells by expressing TIR1. In those cells expressing TIR1, a protein fused with degron (AID degron) derived from AUX/IAA can be rapidly degraded in the presence of auxin. Anti-mini-AID tag can detect both mini-AID-tag and full-length AID-tag.

Immunogen: Synthetic peptide immune sequence is PKDPAKPPAKAQVVGWPC.

Positive control: Mini-AID-tagged fusion protein.

Recommended Dilutions:
WB 1:1,000-1:5,000

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 50% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

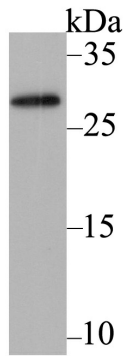


Fig1: Western blot analysis of Mini-AID-tag on fusion protein using anti-Mini-AID-tag antibody at 1/5,000 dilution.

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

Background References

1. Clift D et al. A Method for the Acute and Rapid Degradation of Endogenous Proteins. Cell 171(7):1692-1706 (2017).

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