

Product Datasheet

HTR12 Antibody NBP1-18694

Unit Size: 0.2 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-18694

HTR12 Antibody

Product Information

Unit Size	0.2 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Lyophilized powder, reconstituted in distilled water.
Isotype	IgG
Purity	Unpurified
Buffer	Antiserum

Product Description

Host	Rabbit
Gene ID	839104
Gene Symbol	HTR12
Species	<i>A. thaliana</i> , Other, Plant
Reactivity Notes	Other reactivity reported in scientific literature (PMID: 26124146). <i>Arabidopsis thaliana</i> . (Also known as Mouse-ear cress.) Use in <i>A. thaliana</i> reported in secitific publication PMID: 32572214
Specificity/Sensitivity	Reacts specifically with 17 kDa protein of HTR12
Immunogen	Synthetic peptide derived from Nter domain of <i>Arabidopsis thaliana</i> (Mouse-ear cress) HTR12

Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:200-1:2000, ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:500

Publications

Wang J, Yu C, Zhang S et al. Cell-type-dependent histone demethylase specificity promotes meiotic chromosome condensation in *Arabidopsis* Nat Plants 2020-06-22 [PMID: 32572214] (ICC/IF, *A. thaliana*)

Le Goff S, Nur KeCeli B, Jerabkova H et al. The H3 histone chaperone NASPSIM3 escorts CenH3 in *Arabidopsis* Plant J. 2019-08-29 [PMID: 31463991] (WB, *A. thaliana*)

Morgane Batzenschlager, Inna Lermontova, Veit Schubert, et al. *Arabidopsis* MZT1 homologs GIP1 and GIP2 are essential for centromere architecture.. Proc Natl Acad Sci U S A. 2015-07-14 [PMID: 26124146] (IF/IHC, Other)

Pontvianne F, Carpentier MC, Durut N et al. Identification of Nucleolus-Associated Chromatin Domains Reveals a Role for the Nucleolus in 3D Organization of the *A. thaliana* Genome. Cell Rep. 2016-08-09 [PMID: 27477271] (IF/IHC)



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Products Related to NBP1-18694

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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