

# 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**

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

**Product Description**

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

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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**

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

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### **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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