

# Product Datasheet

## TBX2 Antibody - BSA Free

### NBP1-89459

Unit Size: 0.1 ml

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

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#### Publications: 3

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**NBP1-89459**

TBX2 Antibody - BSA Free

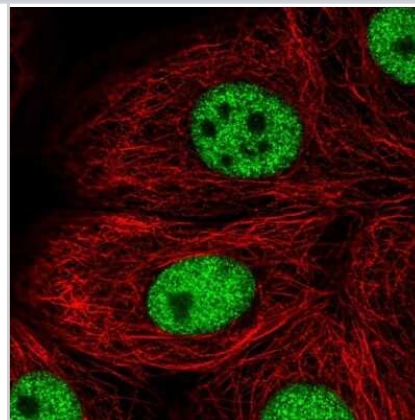
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	6909
Gene Symbol	TBX2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23720046).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IPMPTFGGLFPYPYTYMAAAAAAASALPATSAAAAAAAAGSLSRSPFLGSARP RLRFSPYQIPVTIPPSTLLTTGLASEGSKAAGGNSREPSPLPELALRKVGAPS RGALSPSGSAKEAANELQSIQRLVSGL

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry Reported in scientific literature (PMID: 23720046), Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

Immunocytochemistry/Immunofluorescence: TBX2 Antibody [NBP1-89459] - Staining of human cell line MCF7 shows localization to nucleoplasm. Antibody staining is shown in green.



## Publications

Schmidt C, Deyett A, Ilmer T et al. Multi-chamber cardioids unravel human heart development and cardiac defects Cell 2023-11-16 [PMID: 38029745]

Saadi I, Das P, Zhao M et al. Msx1 and Tbx2 antagonistically regulate Bmp4 expression during the bud-to-cap stage transition in tooth development. Development 2013-07-01 [PMID: 23720046] (IF/IHC, Mouse)

Schneider MA, Scheffer KD, Bund T et al. The Transcription Factors TBX2 and TBX3 Interact with Human Papillomavirus 16 (HPV16) L2 and Repress the Long Control Region of HPVs. J Virol 2013-04-01 [PMID: 23388722]





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### **Products Related to NBP1-89459**

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NBP1-89459PEP	TBX2 Recombinant Protein Antigen
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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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