

Product Datasheet

Brachyury Antibody - BSA Free NBP2-24676

Unit Size: 0.1 mg

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

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NBP2-24676

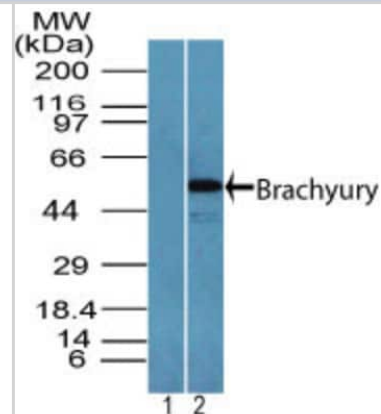
Brachyury Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	6862
Gene Symbol	TBXT
Species	Human, Mouse, Primate
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 28132888).
Marker	Mesoderm Marker
Immunogen	A portion of amino acids 350-400 of human Brachyury was used as the immunogen.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:20 - 1:1000, Immunohistochemistry-Paraffin 5 ug/mL

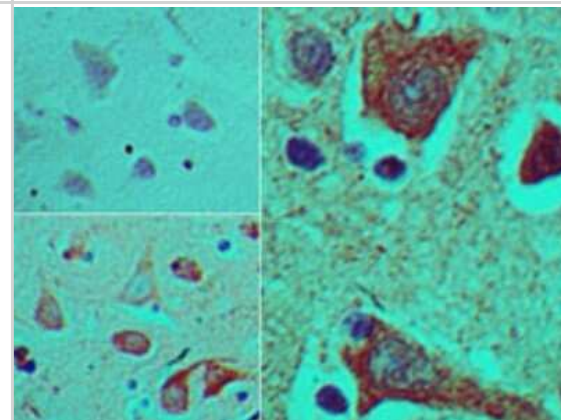


Images

Western Blot: Brachyury Antibody [NBP2-24676] - Analysis of Brachyury in U87 cell lysate. Lane 1 shows pre-immune sera, lane 2 shows this antibody tested at 2 ug/mL.



Immunohistochemistry-Paraffin: Brachyury Antibody [NBP2-24676] - Analysis of Brachyury in FFPE human brain tissue using an isotype control (top left) and this antibody (bottom left, right) at 5 ug/mL.



Publications

Song MH, Choi SC, Noh JM et al. LEFTY-PITX2 signaling pathway is critical for generation of mature and ventricular cardiac organoids in human pluripotent stem cell-derived cardiac mesoderm cells *Biomaterials* 2021-09-21 [PMID: 34571434] (ICC/IF, Human)

Indana D, Agarwal P, Bhutani N, Chaudhuri O Viscoelasticity and Adhesion Signaling in Biomaterials Control Human Pluripotent Stem Cell Morphogenesis in 3D Culture *Advanced materials (Deerfield Beach, Fla.)* 2021-09-09 [PMID: 34499389] (ICC/IF)

Qu Y, Han B, Gao B et al. Differentiation of Human Induced Pluripotent Stem Cells to Mammarylike Organoids *Stem Cell Reports*. 2017-02-14 [PMID: 28132888] (WB, Mouse, Human)

Qu Y, Cui X, Sareen D et al. In vitro induction of mammary-like differentiation from human pluripotent stem cells *Patent* 2018-08-02 (WB, Human)

ChadiY DM, Oleksijew AM, Coots kS et al. Full Factorial Microfluidic Designs and Devices for Parallelizing Human Pluripotent Stem Cell Differentiation. *SLAS Technol.* 2018-07-01 [PMID: 29995450] (ICC/IF, Human)

Qu Y, Zhou B, Yang W et al. Transcriptome and proteome characterization of surface ectoderm cells differentiated from human iPSCs. *Sci Rep.* 2016-08-23 [PMID: 27550649] (ICC/IF, WB, Human)

Yukawa H, Noguchi H, Hayashi S. Embryonic body formation using the tapered soft stencil for cluster culture device. *Biomaterials.* 2011-05-01 [PMID: 21354615] (ICC/IF)

Details:

Product cited: Brachyury (IMG-6533A). IF/ICC: Induced pluripotent stem (iPS) cells, Fig 1 & 2.



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Products Related to NBP2-24676

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006862-P01-10ug	Recombinant Human Brachyury GST (N-Term) Protein

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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