

# Brachyury Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant human Brachyury Ser2-Glu202
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2610378

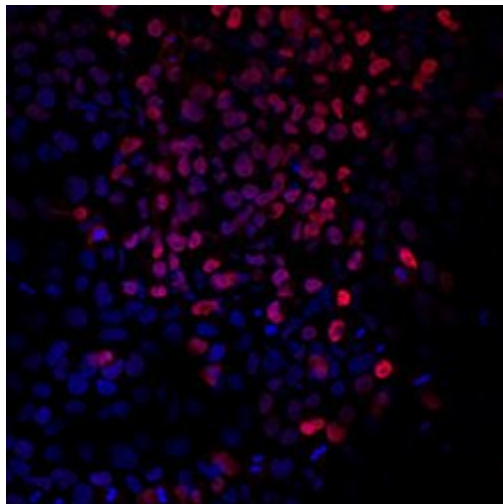
Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	5-15 µg/mL	-
Immunocytochemistry (ICC/IF)	5-15 µg/mL	-
ChIP assay (ChIP)	5 µg/5x10 <sup>6</sup> cells	-

## Product Specific Information

In direct ELISAs, approximately 25% cross-reactivity with recombinant human (rh) TBX-6 is observed, and approximately 5% cross-reactivity with rhTBX-2, rhTBX-5, and rhTBX-18 is observed.

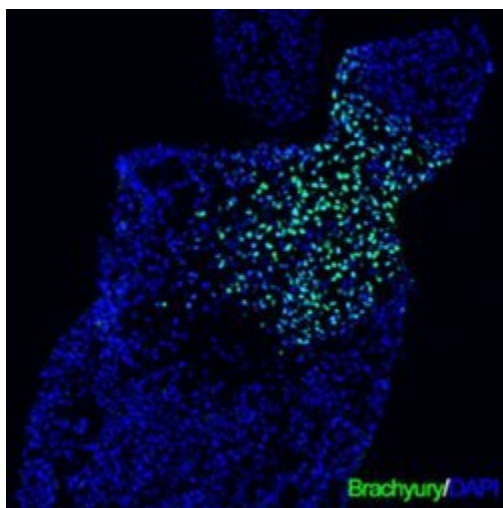
Reconstitute at 0.2 mg/mL in sterile PBS.

## Product Images For Brachyury Polyclonal Antibody



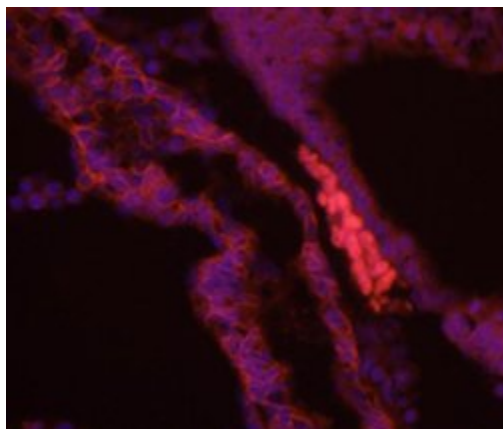
### Brachyury Antibody (PA5-46984) in ICC/IF

Immunocytochemical analysis of Brachyury was detected in immersion fixed BG01V human embryonic stem cells differentiated into mesoderm using Goat Anti-human Brachyury Antigen Affinity-purified Polyclonal Antibody (Product # PA5-46984) at 10  $\mu\text{g}/\text{mL}$  for 3 hours at room temperature. Cells were stained using a 557-conjugated Anti-Goat IgG Secondary Antibody (re and counterstained with DAPI (blue)). Specific staining was localized to nuclei.



### Brachyury Antibody (PA5-46984) in ICC/IF

Immunocytochemical analysis of Brachyury was detected in immersion fixed differentiated human embryonic stem cells using 10  $\mu\text{g}/\text{mL}$  Goat Anti-human Brachyury Antigen Affinity-purified Polyclonal Antibody (Product # PA5-46984) for 3 hours at room temperature. Cells were stained (green) and counterstained with DAPI (blue).



### Brachyury Antibody (PA5-46984) in IHC (F)

Immunohistochemical analysis of Brachyury was detected in immersion fixed frozen sections of embryonic mouse notochord (E9.5) using 10  $\mu\text{g}/\text{mL}$  Goat Anti-human Brachyury Antigen Affinity-purified Polyclonal Antibody (Product # PA5-46984) overnight at 4  $^{\circ}\text{C}$ . Tissue was stained with a 557-conjugated Anti-Goat IgG Secondary Antibody (re and counterstained with DAPI (blue)).

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