

## Brachyury polyclonal antibody

Catalog: BS90145

Host: Rabbit

Reactivity: Human, Rat

### Background:

The protein encoded by this gene is an embryonic nuclear transcription factor that binds to a specific DNA element, the palindromic T-site. It binds through a region in its N-terminus, called the T-box, and effects transcription of genes required for mesoderm formation and differentiation. The protein is localized to notochord-derived cells. Two transcript variants encoding different isoforms have been found for this gene.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

47kDa

### Swiss-Prot:

O15178

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:1000 | IF/ICC, 1:50 - 1:200

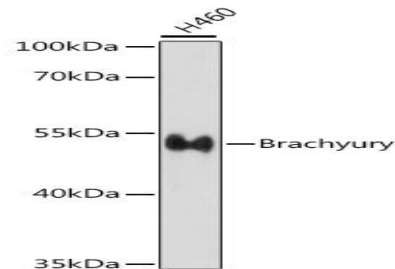
### Storage&Stability:

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

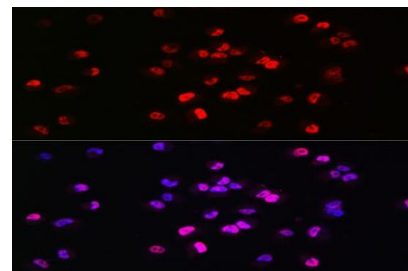
### Category:

Polyclonal Antibodies

### DATA:



Western blot analysis of H460 cells, using Brachyury Rabbit pAb aBrachyury 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG aBrachyury 1:10000 dilution. Lysate/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in BrachyuryBS. Detection: ECL Basic Kit. Exposure time: 30s.



Immunofluorescence analysis of NCI-H460 cells using Brachyury Rabbit pAb aBrachyury dilution of 1:200. Blue: DAPI for nuclear staining.

### Note:

For research use only, not for use in diagnostic procedure.

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