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Brachyury Rabbit pAb

Catalog No.: A16887

2 Publications

www.abclonal.com

Basic Information

Observed MW
47kDa

Calculated MW
47kDa

Category
Polyclonal Antibodies

Applications
WB, IF/ICC, ELISA

Cross Reactivity
Human

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. Variation in this gene was associated with susceptibility to neural tube defects and chordoma. A mutation in this gene was found in a family with sacral agenesis with vertebral anomalies.

Recommended Dilutions

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

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
6862

Swiss-Prot
O15178

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
T; TFT; SAVA; Brachyury

Contact

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Product Information

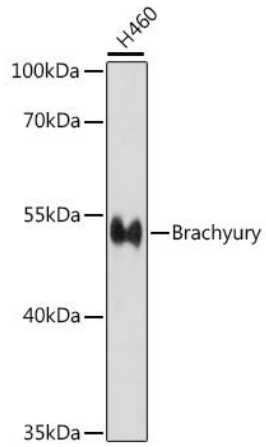
Source
Rabbit

Isotype
IgG

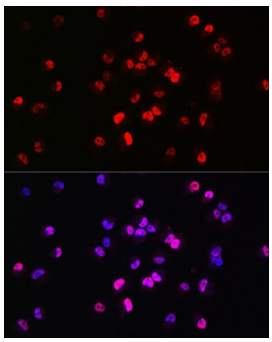
Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from H460 cells, using Brachyury Rabbit pAb (A16887) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunofluorescence analysis of NCI-H460 cells using Brachyury Rabbit pAb (A16887) aBrachyury diluBrachyuryion of 1:200 (40x lens). Blue: DAPI for nuclear sBrachyuryaining.

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