Human/Mouse FoxF1 Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF4798

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse FoxF1 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human FoxF1 Met154-Met379 Accession # Q12946
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

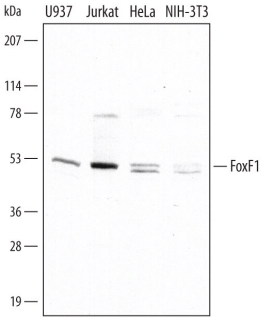
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA

Western Blot



Detection of Human/Mouse FoxF1 by Western Blot. Western blot shows lysates of U937 human histiocytic lymphoma cell line, Jurkat human acute T cell leukemia cell line, HeLa human cervical epithelial carcinoma cell line, and NIH-3T3 mouse embryonic fibroblast cell line. PVDF membrane was probed with 1 µg/mL of Human/Mouse FoxF1 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4798) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF109). A specific band was detected for FoxF1 at approximately 50 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

FoxF1 belongs to a large family of proteins that share a common forkhead/winged helix DNA binding domain. FoxF1 is implicated in pulmonary morphogenesis, specifically in development of the lung mesenchyme. Experiments in mice indicate that haploinsufficiency of FoxF1 can lead to perinatal lethality due to pulmonary abnormalities. In addition expression of FoxF1 can be induced by hedgehog ligands and appears to regulate expression of BMP-4.

bio-techne
bio-techne.com
Global info@bio-techne.com techsupport@bio-techne.com
North America TEL 800 343 7475 Europe | Middle East | Africa TEL +44 (0)1235 529449
China info.cn@bio-techne.com TEL +86 (21) 52380373
Rest of World bio-techne.com/find-us/distributors TEL +1 612 379 2956