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## FOXO1 (C) Antibody, Rabbit Polyclonal

**Cat#:** R0606-2

**Quantity:** 100 ul

**Predicted | Observed MW:** 70 | 80 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** Q12778

### Background:

Forkhead box protein O1 (FOXO1) is a transcription factor which acts as a regulator of cell responses to oxidative stress. In the presence of KIRT1, FOXO1 mediates down-regulation of cyclin D1 and up-regulation of CDKN1B levels which are required for cell transition from proliferative growth to quiescence. FOXO1 triggers death of postmitotic neurons when phosphorylated by CDK1. FOXO1 activates transcription of PMAIP1.

### Other Names:

Forkhead box protein O1, Forkhead box protein O1A, Forkhead in rhabdomyosarcoma, FKHR, FOXO1A

### Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human FOXO1. Antibodies were purified by affinity purification using immunogen.

### Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### Species Specificity:

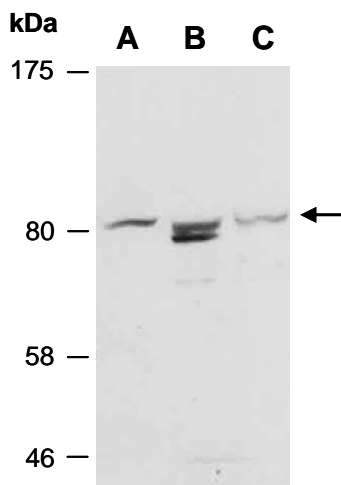
Human, Mouse

### Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from (A) mouse thymus, (B) human HeLa, (C) human Jurkat, using anti-FOXO1 (C) (R0606-2) at RT for 2 h.