



Order: (888)-282-5810 (Phone)
(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

ANGPT1 (C) Antibody, Rabbit Polyclonal

Cat#: R2235-2

Quantity: 100 ul

Predicted | Observed M.W.: 58 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q15389

Background:

Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. Angiopoietin 1 (ANGPT1) is a secreted glycoprotein encoded by the gene ANGPT1 that activates the receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme. ANGPT1 also contributes to blood vessel maturation and stability, and may be involved in early development of the heart.

Other Names:

Angiopoietin-1, ANG-1, KIAA0003, AGP1, AGPT

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human ANGPT1. 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% NaN₃. 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:

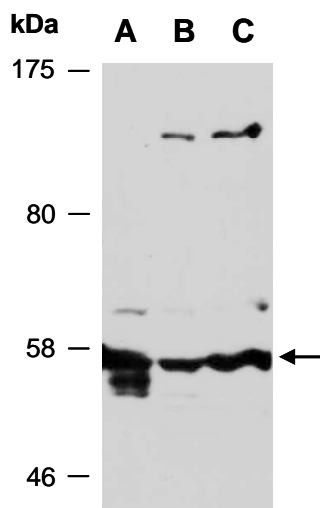


Fig 1. Western blot of total cell extracts from (A) mouse thymus, (B) human HeLa, (C) human Jurkat, using anti-ANGPT1 (C) (R2235-2) at RT for 2 h.