
RWDD3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254146

Unit: 0.1 mg

Description:

RWDD3 (RSUME), a small RWD-containing protein, has a central role in sumoylation by enhancing SUMO conjugation in the regulatory network of immune/inflammatory signals. RWDD3 increases IkappaB sumoylation and stability. In addition, RWDD3 inhibits TNF-alpha-induced kappaB-LUC (Luciferase) reporter activity, showing the functional consequence of IkappaB increased stability. RSUME-enhanced sumoylation of IkappaB leads to the inhibition of NF-kappaB activity on two well-known inflammatory genes, IL-8 and cyclooxygenase-2 (Cox-2) and therefore may also favor anti-inflammatory pathways. Expression of RWDD3 was induced under hypoxic conditions and it has a potential role during vascularization. Both BMP-4 and RWDD3 may be interesting targets for inhibiting steps involved in pituitary tumorigenesis.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: RWDD3 ; RWD domain containing 3; RSUME; RWD-containing sumoylation enhancer

Accession No.: NP_056300

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human RWDD3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.