

# Anti-RRBP1 Antibody

**CATALOG NO.:** A1880-100 100 µl.

**BACKGROUND DESCRIPTION:** This gene encodes a ribosome-binding protein of the endoplasmic reticulum (ER) membrane. Studies suggest that this gene plays a role in ER proliferation, secretory pathways and secretory cell differentiation, and mediation of ER-microtubule interactions. Alternative splicing has been observed and protein isoforms are characterized by regions of N-terminal decapeptide and C-terminal heptad repeats. Splicing of the tandem repeats results in variations in ribosome-binding affinity and secretory function. The full-length nature of variants which differ in repeat length has not been determined. Pseudogenes of this gene have been identified on chromosomes 3 and 7, and RRBP1 has been excluded as a candidate gene in the cause of Alagille syndrome, the result of a mutation in a nearby gene on chromosome 20p12.

**ALTERNATE NAMES:** Hes, RRP, ribosome-binding protein 1, ES/130, RRBP1, ES130

**ANTIBODY TYPE:** Polyclonal

**HOST/ISOTYPE:** Rabbit / Rabbit IgG.

**IMMUNOGEN:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human RRBP1 (NP\_004578.2).

**PURIFICATION:** Affinity purification.

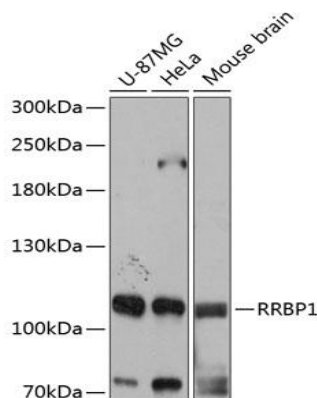
**FORM:** Liquid.

**FORMULATION:** Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**SPECIES REACTIVITY:** Mouse.  
Human.

**STORAGE CONDITIONS:** Store at -20 °C; Avoid freeze / thaw cycles.

**APPLICATIONS AND USAGE:** WB 1:500 - 1:2000.



Western blot analysis of extracts of various cell lines, using RRBP1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

**RELATED PRODUCTS:**

- Anti-TFE3 Antibody (A1565)
- Anti-STEAP2 Antibody (A1170)
- Anti-PSCA Antibody (A1611)

FOR RESEARCH USE ONLY! Not to be used on humans

Gentaur Europe BVBA Voortstraat 49, 1910 Kampenhout BELGIUM  
 Tel 0032 16 58 90 45 [info@gentaur.com](mailto:info@gentaur.com)

