

## Product datasheet for **TA346491**

### **NR0B1 Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The immunogen for anti-NR0B1 antibody: synthetic peptide directed towards the middle region of human NR0B1. Synthetic peptide located within the following region: FCGEDHPQQGSTLYCVPTSTNQAQAPEERPRAPWWDTSSGALRPVALKS
<b>Formulation:</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
<b>Purification:</b>	Affinity Purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	52 kDa
<b>Gene Name:</b>	nuclear receptor subfamily 0 group B member 1
<b>Database Link:</b>	<a href="#">NP_000466</a> <a href="#">Entrez Gene 190 Human</a> <a href="#">P51843</a>



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**Background:**

The gene product was initially identified as a 190-kD protein associated with the contactin-PTPRZ1 complex. The 1,384-amino acid protein, also designated p190 or CASPR for 'contactin-associated protein,' includes an extracellular domain with several putative protein-protein interaction domains, a putative transmembrane domain, and a 74-amino acid cytoplasmic domain. Northern blot analysis showed that the gene is transcribed predominantly in brain as a transcript of 6.2 kb, with weak expression in several other tissues tested. The architecture of its extracellular domain is similar to that of neuexins, and this protein may be the signaling subunit of contactin, enabling recruitment and activation of intracellular signaling pathways in neurons. [provided by RefSeq, Jan 2009]

**Synonyms:**

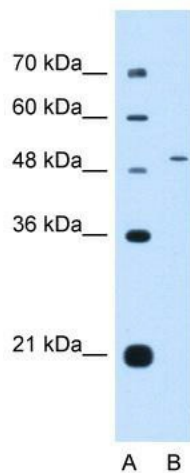
AHC; AHCH; AHX; DAX-1; DAX1; DSS; GTD; HHG; NR0B1; SRXY2

**Note:**

Immunogen Sequence Homology: Human: 100%

**Protein Families:**

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Product images:**

WB Suggested Anti-NR0B1 Antibody Titration:  
0.2-1 ug/ml; Positive Control: HepG2 cell lysate