

## Rabbit antibody to mouse TROY (75-88): whole serum

<b>Catalogue No.:</b>	R-091-100
<b>Description:</b>	<b>FUNCTION:</b> Can mediate activation of c-Jun and NF-kappa-B. May promote caspase-independent cell death. Isoform 2 and isoform 3 may act as decoy receptors. <b>SUBUNIT:</b> Associates with TRAF1, TRAF2, TRAF3 and TRAF5. <b>SUBCELLULAR LOCATION:</b> Isoform 1, isoform 3, isoform 4: Cell membrane; single-pass type I membrane protein (Probable). Isoform 2: Secreted protein (Probable). <b>ALTERNATIVE PRODUCTS:</b> 4 named isoforms produced by alternative splicing. <b>TISSUE SPECIFICITY:</b> Highly expressed in adult brain, and in embryos from day 11-17, but not earlier. Detected in embryonic brain and epithelium, and at lower levels in adult heart, lung and liver. In neonatal mice, mainly in hair follicles and neuron-like cells in the cerebellum, but not in the skin epidermis. Isoform 3 was found in embryonic day 17.5 skin but not in brain and liver. <b>SIMILARITY:</b> Contains 3 TNFR-Cys repeats.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 uL
<b>Antigen:</b>	A synthetic peptide (CRPHRF KEDWGFQK) as part of mouse TROY protein (aa: 75-88) conjugated to the immunogenic protein Blue Carrier Protein
<b>Other Names:</b>	Tumor necrosis factor receptor superfamily member 19; TNFRSF19; Toxicity and JNK inducer; TRADE
<b>Accession:</b>	TROY_MOUSE
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Whole serum
<b>Applications:</b>	IHC. Recommended to be used at a dilution of 1:500 to 1:2000 for immunohistochemistry. This antiserum has not yet been tested for western blot. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Specificity for TROY was confirmed by IHC.
<b>Cross-reactivity:</b>	This antiserum is known to react with rat TROY. Reactivity with other species have not yet been tested.
<b>Form:</b>	Lyophilised
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for a higher stability, and at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
<b>References:</b>	1. Hisaoka, T. (2004). <i>Glia</i> 45:313-324. 2. Hisaoka, T. (2006b). <i>Eur J Neurosci</i> 23:3149-3160. 3. Kojima, T. (2000). <i>J Biol Chem</i> 275:20742-20747.

---

FOR RESEARCH USE ONLY

## Rabbit antibody to mouse TROY (75-88): whole serum



The cryostat section of trigeminal ganglia was stained with the Rabbit antibody to mouse TROY (75-88): whole serum at the dilution of 1: 2000. Following incubation of the section with the primary antibody overnight and secondary antibody for 2 hours, the section was developed with diaminobenzidine substrate with nickel sulfate enhancement.

biosensis

---

FOR RESEARCH USE ONLY