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

Catalogue No.:	R-091-100
Description:	FUNCTION: 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. SUBUNIT: Associates with TRAF1, TRAF2, TRAF3 and TRAF5. SUBCELLULAR LOCATION: Isoform 1, isoform 3, isoform 4: Cell membrane; single-pass type I membrane protein (Probable). Isoform 2: Secreted protein (Probable). ALTERNATIVE PRODUCTS: 4 named isoforms produced by alternative splicing. TISSUE SPECIFICITY: 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. SIMILARITY: Contains 3 TNFR-Cys repeats.
Batch No.:	See product label
Unit size:	100 uL
Antigen:	A synthetic peptide (CRPHRF KEDWGFQK) as part of mouse TROY protein (aa: 75-88) conjugated to the immunogenic protein Blue Carrier Protein
Other Names:	Tumor necrosis factor receptor superfamily member 19; TNFRSF19; Toxicity and JNK inducer; TRADE
Accession:	TROY_MOUSE
Produced in:	Rabbit
Purity:	Whole serum
Applications:	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.
Specificity:	Specificity for TROY was confirmed by IHC.
Cross-reactivity:	This antiserum is known to react with rat TROY. Reactivity with other species have not yet been tested.
Form:	Lyophilised
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	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.
References:	1. Hisaoka, T. (2004). Glia 45:313-324. 2. Hisaoka, T. (2006b). Eur J Neurosci 23:3149-3160. 3. Kojima, T. (2000). J Biol Chem 275:20742-20747.

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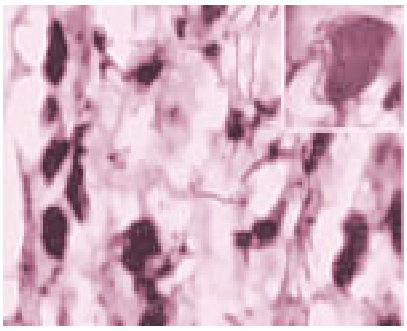

The cryostat section of trigeminal ganglia was stained with the Rabbit antibody to mouse TROY (75-88): whole serum at the dilution of 1: 2000. Following incubation of the section with the primary antibody overnight and secondary antibody for 2 hours, the section was developed with diaminobenzidine substrate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

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