



# Anti-TNFRSF19 polyclonal antibody [Biotin] (DPABY-701)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	TROY, also named Toxicity and JNK inducer (TAJ) and TNFRSF19, is a member of the TNF receptor superfamily. Mouse TROY shares 92% amino acid sequence identity with human TROY in the extracellular domains. The two proteins also have 57% amino acid identity in their cytoplasmic tails. Among TNFRSF members, TROY is most related to EDAR, sharing 33% identity in their extracellular domains.
<b>Specificity</b>	Detects mouse TROY/TNFRSF19 in ELISAs and Western blots. In sandwich immunoassays, less than 2% cross-reactivity with recombinant human (rh)TAJ is observed and less than 0.2% cross-reactivity with recombinant mouse (rm)EDAR, rmCD27, rmFas, rmRANK, rmTNF RI, and rmTNF RII is observed. In Western blots, approximately 5% cross-reactivity with rmCD27 and rmEDAR is observed and less than 1% cross-reactivity with rhTNF RI, rhTNF RII, rmOPG, rmRANK, rmCD30, rmCD40, rm4-1BB, rmFas, and rmGITR (under non-reducing conditions) is observed.
<b>Immunogen</b>	S. frugiperda insect ovarian cell line Sf 21-derived recombinant mouse TROY/TNFRSF19. Met1-Leu170 Accession Number Q9JLL3
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, Immunohistochemistry, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid

<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.
<b>Preservative</b>	None
<b>Storage</b>	Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Tnfrsf19 tumor necrosis factor receptor superfamily, member 19 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	TNFRSF19
<b>Synonyms</b>	TNFRSF19; tumor necrosis factor receptor superfamily, member 19; TAJ; Troy; TRADE; AL023044; AW123854; TAJ-ALPHA; tumor necrosis factor receptor superfamily member 19; Toxicity and JNK inducer;
<b>Entrez Gene ID</b>	<a href="#">29820</a>
<b>Protein Refseq</b>	<a href="#">NP_001157627</a>
<b>UniProt ID</b>	<a href="#">Q8BUM7</a>
<b>Chromosome Location</b>	14 D1; 14
<b>Pathway</b>	Cytokine-cytokine receptor interaction;