

Toso Antibody

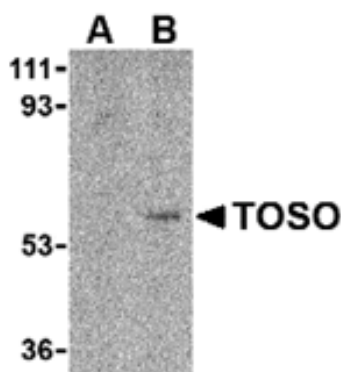
Catalog No: #24107

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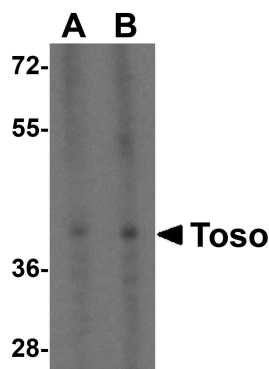
Description

| | |
|-----------------------|---|
| Product Name | Toso Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Affinity chromatography purified via peptide column |
| Applications | ELISA WB |
| Species Reactivity | Hu |
| Immunogen Type | Peptide |
| Immunogen Description | Raised against a 13 amino acid peptide from near the carboxy terminus of human Toso. |
| Target Name | Toso |
| Other Names | Toso, Regulator of Fas-induced apoptosis, Fas apoptotic inhibitory molecule 3, FAIM3 |
| Accession No. | Swiss-Prot:O60667Gene ID:9214 |
| Uniprot | O60667 |
| GeneID | 9214; |
| Concentration | 1mg/ml |
| Formulation | Supplied in PBS containing 0.02% sodium azide. |
| Storage | Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

Images



Western blot analysis of Toso in human lung tissue lysate with Toso antibody at 1 ug/mL in either the (A) presence, or (B) absence of blocking peptide.



Western blot analysis of TOSO in K562 cell lysate with TOSO antibody at (A) 1 and (B) 2 µg/mL.

Background

Apoptosis is an important process by which normal tissue homeostasis and function are maintained. One of the major signals that regulate this process is mediated by the activation of the Fas receptor by its ligand. This leads to the formation of a Fas-associated death domain (FADD)-containing death-inducing signaling complex and the activation of caspase-8, which in turn activates downstream effector caspases, such as caspase-3 and -7. Recent experiments have shown that overexpression of Toso, a novel regulator of Fas-induced apoptosis in lymphoid cells, in Jurkat cells as well as transgenic mice render these cells resistant to Fas-induced apoptosis but not to TRAIL-induced apoptosis. Furthermore, Toso was found to associate with FADD, suggesting that Toso functions by disrupting the formation of the death-inducing signaling complex.

Note: This product is for in vitro research use only