

Trail Antibody

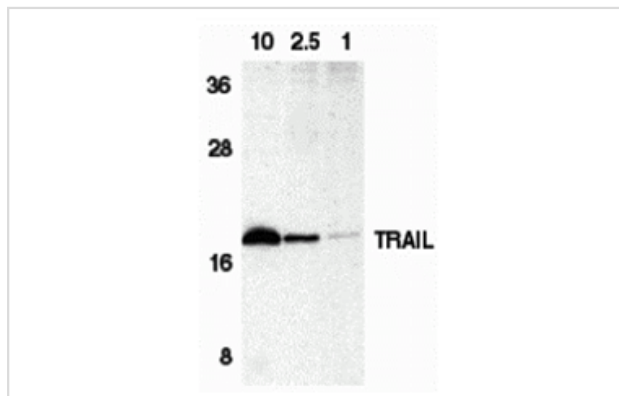
Catalog No: #24009

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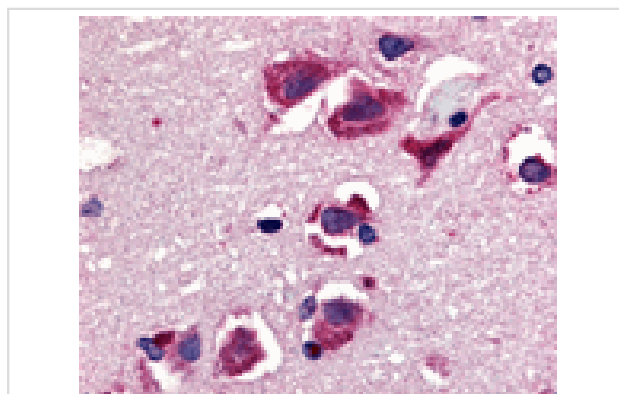
Description

Product Name	Trail Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Ion exchange chromatography purified
Applications	E WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the carboxy terminus of human TRAIL.
Target Name	Trail
Other Names	Apo-2L
Accession No.	NP_003801
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 TRAIL in HeLa cell lysate containing 10, 2.5, or 1 ng of recombinant protein containing extracellular domain of TRAIL with TRAIL antibody at 1 ug/mL.



Immunohistochemistry of TRAIL in human brain tissue with TRAIL antibody at 20 ug/mL.

Background

Apoptosis, or programmed cell death, occurs during normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors, TNFR1 and Fas. A novel member in the TNF family was recently identified and designated TRAIL (for TNF-related apoptosis-inducing ligand) and Apo-2L (for Apo-2 ligand)¹, TRAIL is a type II membrane protein and expressed in a variety of human tissues. Two novel death domain containing receptors DR4 and DR5 have been identified as the receptor for TRAIL³⁻⁶. Like TNF and Fas ligand, TRAIL induces apoptosis and NF- κ B activation in many tissues and cells.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.