Anti-Human/Mouse/Rat MADD Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04816

3th Edition

Description: Tumor necrosis factor alpha (TNF-alpha) is a signaling molecule that interacts with one of two receptors on cells targeted for apoptosis. The apoptotic signal is transduced inside these cells by cytoplasmic adaptor proteins. The protein encoded by this gene is a death domain-containing adaptor protein that interacts with the death domain of TNF-alpha receptor 1 to activate mitogen-activated protein kinase (MAPK) and propagate the apoptotic signal. It is membrane-bound and expressed at a higher level in neoplastic cells than in normal cells. Several transcript variants encoding different isoforms have been described for this gene.MADD (MAP Kinase Activating Death Domain) is a Protein Coding gene. Among its related pathways are TRAF Pathway and Apoptosis and survival Caspase cascade. GO annotations related to this gene include Rab guanyl-nucleotide exchange factor activity and death receptor binding. An important paralog of this gene is DENND4A.

Antigen: Synthesized peptide derived from the Internal region of human MADD

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Highly expressed in fetal brain and kidney; adult testis, ovary, brain and heart. Isoform 5 is constitutively expressed in all tissues. Isoform 7 is expressed in fetal liver and in several cancer cell lines.