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11-3030: Polyclonal Antibody to Viperin

WB

Clonality: Polyclonal

Application: Reactivity: Mouse, Human

Gene: RSAD2 Gene ID: 91543 Q8WXG1 **Uniprot ID:** Format: Purified **Alternative Name:** RSAD2,CIG5 Isotype: Rabbit IgG

A partial length recombinant Viperin protein (amino acids 100-330) was used as the immunogen Immunogen Information:

for this antibody.

Description

Radical S-adenosyl methionine domain-containing protein 2 is commonly known as Viperin consisting of 43 kDa protein. which is a interferon inducible viral protein. Viperin expression is induced by IFNα, IFNb, IFNg, human cytomegalovirus (HCMV) envelope protein, glycoprotein B (gB), etc. Viperin interaction with the viral protein vMIA results in viperin relocalization from the endoplasmic reticulum to the mitochondria. It interacts with the mitochondrial trifunctional protein which mediates beta-oxidation of fatty acids to generate ATP. Viperin promotes TLR7 and TLR9-dependent production of IFN-beta and also plays an important role in CD4+ T-cell activation and differentiation. Viperin is highly expressed in mouse and human brain.

Product Info

Amount: 25 μg / 100 μg

Purification: Protein A Chromatography

25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium Content:

azide is highly toxic.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 3-5 µg/ml

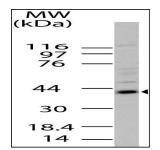


Fig-1: Western blot analysis of Viperin. Anti- Viperin antibody (11-3030) was used at 3 μg/ml on Brain lysate.