

11-3030: Polyclonal Antibody to Viperin

Clonality :	Polyclonal
Application :	WB
Reactivity :	Mouse, Human
Gene :	RSAD2
Gene ID :	91543
Uniprot ID :	Q8WXG1
Format :	Purified
Alternative Name :	RSAD2, CIG5
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant Viperin protein (amino acids 100-330) was used as the immunogen 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 IFN α , IFN β , IFN γ , 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 μ g / 100 μ g
Purification :	Protein A Chromatography
Content :	25 μ g in 50 μ l/100 μ g in 200 μ l PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 3-5 μ g/ml

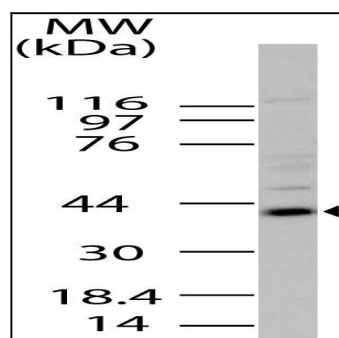


Fig-1: Western blot analysis of Viperin. Anti- Viperin antibody (11-3030) was used at 3 μ g/ml on Brain lysate.