

## 11-3030: Polyclonal Antibody to Viperin

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Mouse,Human
<b>Gene :</b>	RSAD2
<b>Gene ID :</b>	91543
<b>Uniprot ID :</b>	Q8WVG1
<b>Format :</b>	Purified
<b>Alternative Name :</b>	RSAD2,CIG5
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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 $\alpha$ , IFN $\beta$ , IFN $\gamma$ , 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

<b>Amount :</b>	25 $\mu$ g / 100 $\mu$ g
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 $\mu$ g in 50 $\mu$ l/100 $\mu$ g in 200 $\mu$ l PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	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  $\mu$ g/ml

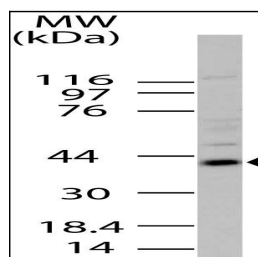


Fig-1: Western blot analysis of Viperin. Anti- Viperin antibody (11-3030) was used at 3  $\mu$ g/ml on Brain lysate.