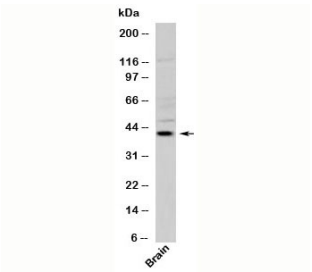
Viperin Antibody (N1126)

Catalog No.	Formulation	Size
N1126-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug

Bulk quote request

Species Reactivity	Human, Mouse, Rat, Dog
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A affinity chromatography purified antibody
Buffer	1X PBS, pH 7.4
Gene ID	91543
Applications	Western blot: 3-6ug/ml
Limitations	This **Viperin antibody** is available for research use only.



Western blot testing of human samples using Viperin antibody at 3ug/ml.

Description

Viral infection induces the interferon (IFN) response which triggers the production of an array of anti-viral proteins. Viperin (Virus inhibitory protein, endoplasmic reticulum-associated, interferon-inducible) is expressed in response to IFN-b binding to the IFN receptor, inducing the formation of the IFN-stimulated gene factor 3 complex which then binds to the Viperin promoter. It inhibits many DNA and RNA viruses through a diverse range of mechanisms and is involved in the PRR-mediated innate immune response. Viperin has been shown to be produced in response to TLR3 and TLR4 activation, but not TLR2 and TLR5. It may be involved in the TLR7 and TLR9-induced production of type I IFN by plasmacytoid dendritic cells (pDCs).

Application Notes

Provided assay concentrations are suggestions only, Viperin antibody titration may be required for optimal results.

Immunogen

A recombinant protein fragment from the N-terminal region of human Viperin was used as the immunogen for this antibody.

Storage

Aliquot the Viperin antibody and store frozen at -20oC or colder to avoid repeated freeze-thaw cycle.

Alternate Names

Virus inhibitory protein endoplasmic reticulum associated interferon inducible, Virus inhibitory protein

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