

Product Datasheet

L1/ORF2 antibody (orb345069)

Description

L1/ORF2 antibody

Species/Host

Gallus

Reactivity

Human, Primate

Conjugation

Unconjugated

Tested

DOT, ELISA, WB

Applications
Immunogen

This IgY fraction antibody was prepared from eggs of chickens laid after repeated immunizations with two synthetic peptides conjugated to keyhole limpet hemocyanin (KLH). The peptides correspond to regions within the endonuclease domain of L1/ORF2 protein.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.0 mg/ml

Storage

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

Application notes

Anti-L1/ORF2 Antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 149 kDa in size corresponding to L1 protein by western blotting in the appropriate cell lysate or extract.

Isotype

IgY

Clonality

Polyclonal

Purity

L1/ORF2 Antibody is directed against two regions within the endonuclease domain of L1 ORF2 protein. This product is an IgY fraction antibody purified from monospecific chicken egg yolks by a multi-step process which includes selective precipitation and salt fractionation followed by extensive dialysis against the buffer stated above. Reactivity occurs against human L1/ORF2 protein and is useful in determining its presence in various assays. A BLAST analysis was used to suggest cross reactivity with L1/ORF2 proteins from chimpanzee sources based on 100% homology with the immunizing sequences, and from macaque, fruit fly, cattle, dog, opossum, and rat sources based on 69 - 88% homology.



Western blot using Biorbyt's IgY fractio...