

Eif2ak2 Rabbit Polyclonal Antibody



CAB13583

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

58kDa

Applications:

IHC

Reactivity:

Human, Rat

Antibody Information

Recommended dilutions:

IHC 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

The protein encoded by this gene is a serine/threonine protein kinase that is activated by autophosphorylation after binding to dsRNA. The activated form of the encoded protein can phosphorylate translation initiation factor EIF2S1, which in turn inhibits protein synthesis. This protein is also activated by manganese ions and heparin. Three transcript variants encoding two different isoforms have been found for this gene.

Immunogen information

Gene ID:

19106

Uniprot

Synonyms:

EIF2AK2; EIF2AK1; PKR; PPP1R83; PRKR; Eif2ak2

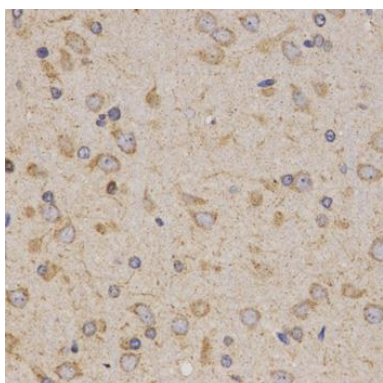
Immunogen:

Recombinant protein of mouse Eif2ak2

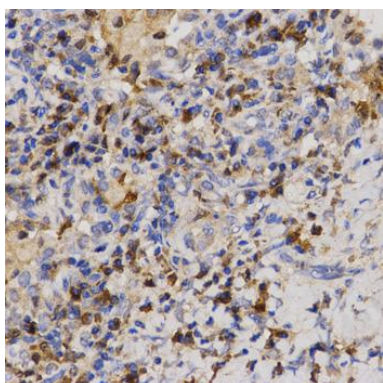
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

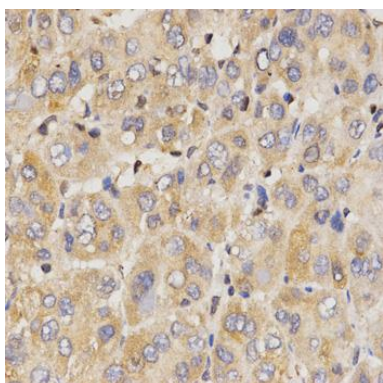
Product Images



Immunohistochemistry of paraffin-embedded rat brain using Eif2ak2 antibody (CAB13583) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using Eif2ak2 antibody (CAB13583) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human liver cancer using Eif2ak2 antibody (CAB13583) at dilution of 1:200 (40x lens).