

CAB4182

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

140kDa

Calculated MW:

33kDa/140kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. The protein encoded by this gene belongs to class-I aminoacyl-tRNA synthetase family and is located in the class III region of the major histocompatibility complex.

Immunogen information

Gene ID:

7407

Uniprot

P26640

Synonyms:

VARs; G7A; VARs1; VARs2

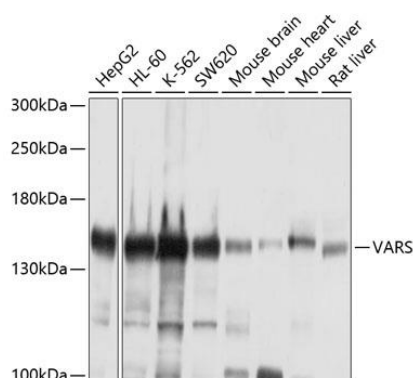
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human VARs (NP_006286.1).

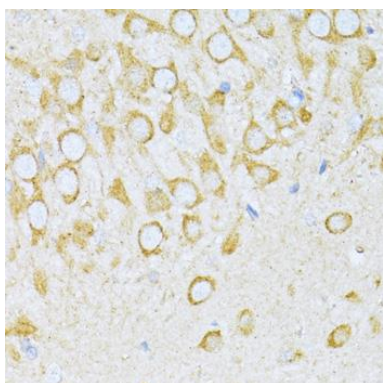
Storage:

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

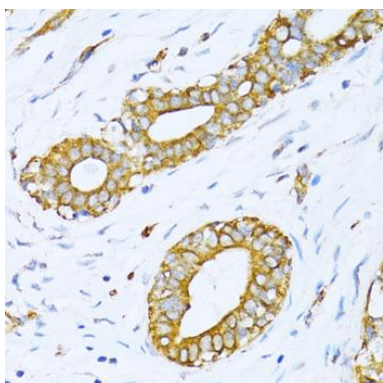
Product Images



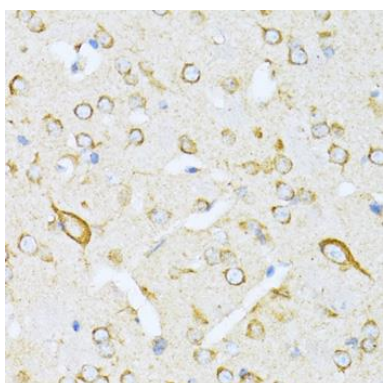
Western blot analysis of extracts of various cell lines, using VARS antibody (CAB4182) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat brain using VARS antibody (CAB4182) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human breast cancer using VARS antibody (CAB4182) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using VARS antibody (CAB4182) at dilution of 1:100 (40x lens).