

ACAN Rabbit Polyclonal Antibody



CAB12045

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

230kDa

Calculated MW:

239kDa/246kDa/250kDa

Applications:

WB

Reactivity:

Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene is a member of the aggrecan/versican proteoglycan family. The encoded protein is an integral part of the extracellular matrix in cartilagenous tissue and it withstands compression in cartilage. Mutations in this gene may be involved in skeletal dysplasia and spinal degeneration. Multiple alternatively spliced transcript variants that encode different protein isoforms have been observed in this gene.

Immunogen information

Gene ID:

176

Uniprot

P16112

Synonyms:

ACAN; AGC1; AGCAN; CSPG1; CSPGCP; MSK16; SEDK; aggrecan

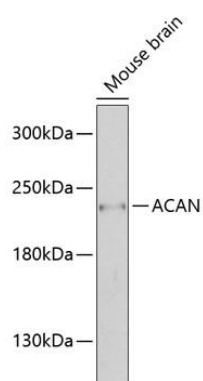
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 350-450 of human ACAN (NP_037359.3).

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 mouse brain, using ACAN antibody (CAB12045) 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 Enhanced Kit (CABM00021). Exposure time: 90s.