

Datasheet for ABIN7258626

anti-ICAM5 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	ICAM5
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ICAM5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of mouse Icam5 (NP_032345.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ICAM5
Alternative Name:	Icam5 (ICAM5 Products)
Background:	ICAM-5, also known as telencephalin, is a type I integral membrane glycoprotein of the immunoglobulin superfamily. It is specifically expressed in the postnatal excitatory neuronal cell bodies, dendritic shafts, and dendritic filopodia of the telencephalon. ICAM-5 functions in both the immune and nervous systems. ICAM-5 strongly stimulates neurite outgrowth. It is

Target Details

cleaved by matrix metalloproteases upon activation of glutamate receptors or degraded through endocytosis resulting in increased spine maturation. The cleaved soluble fragment of ICAM-5 is immunosuppressive, which may be important in neuronal inflammatory diseases.

Molecular Weight: Observed_MW: 140 kDa
Calculated_MW: 96 kDa

Gene ID: 15898

UniProt: [Q60625](#)

Pathways: [Cell-Cell Junction Organization](#), [ER-Nucleus Signaling](#), [Maintenance of Protein Location](#)

Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

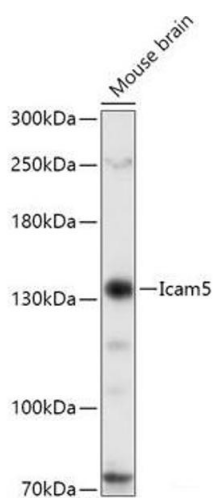
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Mouse brain using Icam5 Polyclonal Antibody at dilution of 1:1000.