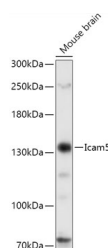


Icam5 Polyclonal Antibody

Catalog No.	E-AB-66553	Reactivity	M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



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

Immunogen Information

Immunogen	Recombinant fusion protein of mouse Icam5 (NP_032345.2).
GeneID	15898
Swissprot	Q60625
Synonyms	ICAM5,TLCN,TLN,Icam5

Product Information

Calculated MW	96kDa
Observed MW	140kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000

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 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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.