Datasheet for ABIN185736
anti-ICAM5 antibody (C-Term)
1 Image

## Overview

| Quantity: | $100 \mu \mathrm{~g}$ |
| :--- | :--- |
| Target: | ICAM5 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Application: | ELISA, Immunohistochemistry (IHC) |

Product Details

| Purpose: | ICAM5 precursor |
| :--- | :--- |
| Immunogen: | Peptide with sequence C-ESPAEGEVFAIQ, from the C Terminus of the protein sequence |
| according to NP_003250.3. |  |
| Sequence: | ESPAEGEVFA IQ |
| Isotype: | IgG |
| Cross-Reactivity: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity |
| chromatography using the immunizing peptide. |  |
| Purification: | Verified |

Target Details

| Target: | ICAM5 |
| :---: | :---: |
| Alternative Name: | ICAM5 (ICAM5 Products) |
| Background: | ICAM5, intercellular adhesion molecule 5 , telencephalin , TLCN, TLN , intercellular adhesion molecule 5, telencephalin |
| Gene ID: | 7087, 15898, 313785 |
| NCBI Accession: | NP_003250 |
| Pathways: | Cell-Cell Junction Organization, ER-Nucleus Signaling, Maintenance of Protein Location |
| Application Details |  |
| Application Notes: | Immunohistochemistry: In paraffin embedded Human Brain (Cerebral Cortex) shows axon/dendrite staining leaving cell bodies relatively unstained. Recommended concentration, 2$4 \mu \mathrm{~g} / \mathrm{mL}$. <br> Western Blot: Preliminary experiments gave an approx 200-250 kDa band in lysates of Human Brain (Frontal Cortex and Hippocampus) and Mouse Brain after $0.05 \mu \mathrm{~g} / \mathrm{mL}$ antibody staining. Please note that currently we cannot find an explanation in the literature <br> Peptide ELISA: antibody detection limit dilution 1:128000. |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Concentration: | $0.5 \mathrm{mg} / \mathrm{mL}$ |
| Buffer: | Supplied at $0.5 \mathrm{mg} / \mathrm{mL}$ in Tris saline, $0.02 \%$ sodium azide, pH 7.3 with $0.5 \%$ bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | $-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Aliquot and store at $-20^{\circ} \mathrm{C}$, with minimal freeze/thawing. A working aliquot may be refrigerated at $4^{\circ} \mathrm{C}$ for a few weeks and still remain viable. |



## Immunohistochemistry

Image 1. ABIN185736 $(2.5 \mu \mathrm{~g} / \mathrm{ml})$ staining of paraffin embedded Human Brain (Cerebral Cortex). Steamed antigen retrieval with citrate buffer $\mathrm{pH} 6, \mathrm{AP}$-staining.

