SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

**[ Primary Antibody ]**

# Rabbit Anti-AJAP1 antibody

**Catalog Number: SL22384R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

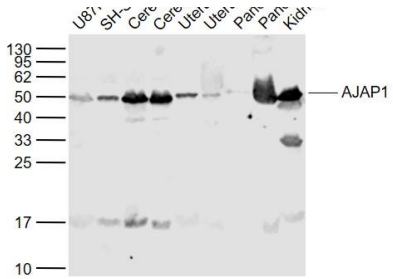
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|---|---|
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | AJAP1 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human AJAP1: 271-370/411 <Cytoplasmic> |
| **Purification:** | affinity purified by Protein A |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | WB=1:500-2000<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Human, Mouse, Rat |
| **Predicted MW.:** | 46kDa |
| **Subcellular Location:** | The cell membrane |
| **Background:** | AJAP1 (Adherens Junctions Associated Protein 1) is a Protein Coding gene. Diseases associated with AJAP1 include Dental Caries and Chromosome 1P36 Deletion Syndrome.<br>**Function:** Plays a role in cell adhesion and cell migration.<br>**Subcellular Location:** Basolateral cell membrane. Apical cell membrane. Cell junction > adherens junction. Mainly basolateral. Localization is mediated by AP1M2.<br>**Tissue Specificity:** Expressed in uterus and pancreas (at protein level).<br>**Post-translational modifications:** Thr-237 and Ser-239 may be phosphorylated;<br>however as this position is probably extracellular, the in vivo relevance is not proven.<br>**Database links:**<br>**Entrez Gene:** 55966 Human |

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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|---|---|
| | **SwissProt:** Q9UKB5 Human<br>**Unigene:** 25924 Human |

## [ VALIDATION IMAGES ]




Sample:
Lane 1: U87MG (Human) Cell Lysate at 30 ug
Lane 2: SH-SY5Y (Human) Cell Lysate at 30 ug
Lane 3: Cerebrum (Mouse) Lysate at 40 ug
Lane 4: Cerebrum (Rat) Lysate at 40 ug
Lane 5: Uterus (Mouse) Lysate at 40 ug
Lane 6: Uterus (Rat) Lysate at 40 ug
Lane 7: Pancreas (Mouse) Lysate at 40 ug
Lane 8: Pancreas (Rat) Lysate at 40 ug
Lane 9: Kidney (Mouse) Lysate at 40 ug
Primary: Anti-AJAP1 (SL22384R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50 kD
Observed band size: 50 kD

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