

## Allgemeine Informationen

**Katalog-Nr.:**

10127-2-AP

**Größe:**

150ul, Konzentration: 600 µg/ml von Nanodrop und 300 µg/ml durch die Bradford-Methode mit BSA als Standard;

**Wirt:**

Kaninchen

**Isotyp:**

IgG

**Immunogen Katalognummer:**

AG0173

**GenBank-Zugangsnummer:**

BC003126

**GeneID (NCBI):**

56146

**Vollständiger Name:**

protocadherin alpha 2

**Berechnete Masse:**

102 kDa

**Beobachtete Masse:**

102 kDa, 80 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:500-1:1000

IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB

## Anwendungen

**Geprüfte Anwendungen:**

IP, WB, ELISA

**Getestete Reaktivität:**

Human, Maus, Ratte

**Positivkontrollen:**

**WB:** Maushirngewebe, HeLa-Zellen, humanes Herzgewebe, humanes Hirngewebe, Maus-Cerebellum-Gewebe, Raji-Zellen, Ratten-Cerebellum-Gewebe, Rattenhirngewebe

**IP:** HeLa-Zellen,

## Hintergrundinformationen

Protocadherins, which constitute the largest subgroup within the cadherin superfamily, are predominantly expressed in the nervous system and are probably involved in the regulation of neuronal recognition and connectivity (PMID: 17936607; 12231349; 17133224). The protocadherin subfamily can be further subdivided into three groups: the clustered protocadherins, comprising  $\alpha$ -,  $\beta$ - and  $\gamma$ -protocadherins;  $\delta$ -protocadherins; and others, many of which are solitary (PMID: 17133224). PCDHA2 (protocadherin alpha 2) is a single-pass type I membrane protein containing 6 cadherin domains. It may be involved in the establishment and maintenance of specific neuronal connections in the brain. Three isoforms produced by alternative splicing have been described (UniProt).

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

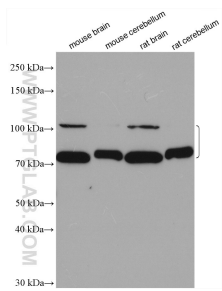
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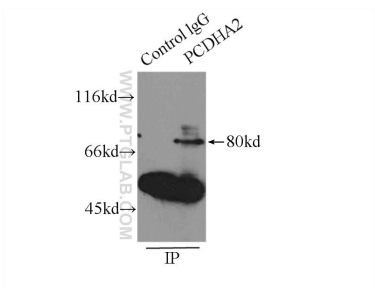
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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 10127-2-AP (PCDHA2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP Result of anti-PCDHA2 (IP:10127-2-AP, 3ug; Detection:10127-2-AP 1:300) with HeLa cells lysate 4650ug.