

## *Anti-ADAM23*

*(a disintegrin and metallopeptidase domain 23)*

**Code Number** : Adam23-Rb-Af240 (rabbit, RRID : AB\_2571657)

**Size** : 20 µg and 50 µg / See label on vial  
(affinity-purified with antigen polypeptide)

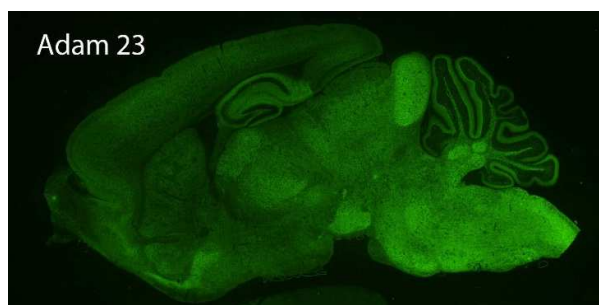
**Formulation** : Liquid ; 200 µg/ml in PBS with 0.05% NaN<sub>3</sub>.  
(affinity-purified with antigen polypeptide)

**Storage** : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

**Species** : rabbit, polyclonal

**Antigen** : mouse, Adam 815–829 aa  
(NM\_011780)

**Specificity** : mouse (others not tested)  
The specificity is verified by blank immunohistochemistry in ADAM23-knockout mouse brains (see reference 1).



**Applications** : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

**Research Use** : For research use only, not for use in diagnostic procedures.

**Remarks** :

**Reference** : 1) Yokoi N, Fukata Y, Kase D, Miyazaki T, Jaegle M, Ohkawa T, Takahashi N, Iwanari H, Mochizuki Y, Hamakubo T, Imoto K, Meijer D, Watanabe M, Fukata M: Chemical corrector treatment

ameliorates increased seizure susceptibility in a mouse model of familial temporal lobe epilepsy. **Nat Med**, 21:19-26, 2015.

2) Ohkawa T, Fukata Y, Yamasaki M, Miyazaki T, Yokoi N, Takashima H, Watanabe M, Watanabe O, Fukata M: Antibodies to epilepsy-related LGI1 in limbic encephalitis neutralize LGI1-ADAM22 interaction and reduce synaptic AMPA receptors. **J Neurosci**, 33:18161-18174, 2013.