

anti- UBE3A antibody

Product Information

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| Catalog No.: | FNab09189 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

This gene encodes an E3 ubiquitin-protein ligase, part of the ubiquitin protein degradation system. This imprinted gene is maternally expressed in brain and biallelically expressed in other tissues. Maternally inherited deletion of this gene causes Angelman Syndrome, characterized by severe motor and intellectual retardation, ataxia, hypotonia, epilepsy, absence of speech, and characteristic facies. The protein also interacts with the E6 protein of human papillomavirus types 16 and 18, resulting in ubiquitination and proteolysis of tumor protein p53. Alternative splicing of this gene results in three transcript variants encoding three isoforms with different N-termini. Additional transcript variants have been described, but their full length nature has not been determined.

Immunogen information

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|--------------|--|
| Immunogen: | ubiquitin protein ligase E3A |
| Synonyms: | ANCR, AS, E6 AP, E6AP, E6AP ubiquitin protein ligase, EPVE6AP, FLJ26981, HPVE6A, UBE3A, ubiquitin protein ligase E3A |
| Observed MW: | 110 kDa |
| Uniprot ID : | Q05086 |

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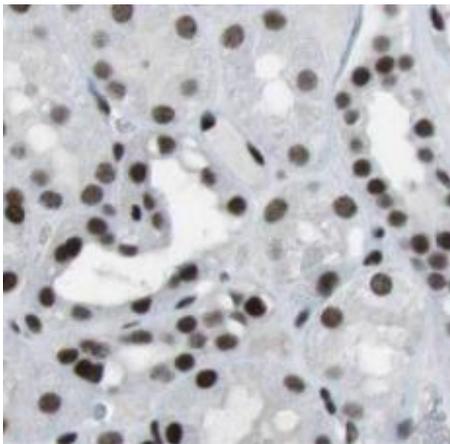
Application

Reactivity: Human, Mouse, Rat

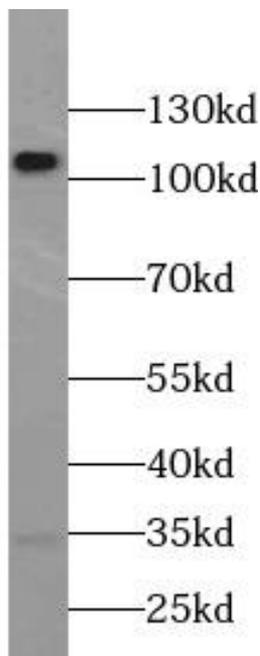
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab09189(UBE3A antibody) at dilution of 1:100



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab09189(UBE3A antibody) at dilution of 1:1000

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