

Ataxin 2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51006

Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | Q99700 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 140283 |

Additional Information

| | |
|--------------------|---|
| Gene ID | 6311 |
| Other Names | Ataxin-2, Spinocerebellar ataxia type 2 protein, Trinucleotide repeat-containing gene 13 protein, ATXN2, ATX2, SCA2, TNRC13 |
| Target/Specificity | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Ataxin 2. The exact sequence is proprietary. |
| Dilution | WB~~ 1:2000 |
| Format | 0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50% |
| Storage | Store at -20 °C.Stable for 12 months from date of receipt |

Protein Information

| | |
|-------------------|--|
| Name | ATXN2 |
| Synonyms | ATX2, SCA2, TNRC13 |
| Function | Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR internalization at the plasma membrane. |
| Cellular Location | Cytoplasm. |
| Tissue Location | Expressed in the brain, heart, liver, skeletal muscle, pancreas and placenta. Isoform 1 is predominant in the brain and spinal cord. Isoform 4 is more abundant in the cerebellum. In the brain, broadly expressed in the amygdala, caudate nucleus, corpus callosum, hippocampus, hypothalamus, substantia nigra, subthalamic nucleus and thalamus. |

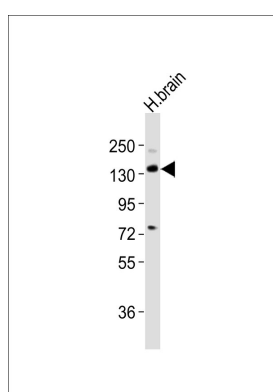
Background

Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR internalization at the plasma membrane.

References

Pulst S.-M.,et al.Nat. Genet. 14:269-276(1996).
Sanpei K.,et al.Nat. Genet. 14:277-284(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Imbert G.,et al.Nat. Genet. 14:285-291(1996).

Images



Anti-Ataxin 2 Antibody at 1:2000 dilution + human brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 140 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.