

## Ataxin 2 Recombinant antibody

**Cat:**B36254S

**Company:** HaoKebio

**Uniprot ID:**Q99700

**Applications:** IHC:1:250-1:1000

**Organism:**Rabbit

IHC-Polymer:1:1000-1:4000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:1200-1:5000

**Molecular Weight Calculation:** 1313 aa, 140 kDa

IF:1:50

**Observed Molecular Weight:** 140-150 kDa

WB:1:2000-1:10000

IP:1ug for 1mg of total protein lysate

### Background:

ATXN2 contains a repeat structure with 22 or 23 triplets coding for glutamine and the (CAG)<sub>8</sub>CAA(CAG)<sub>4</sub>CAA(CAG)<sub>8</sub> sequence; expansion of this domain to a size  $\geq 34$  triplets with a pure CAG sequence primarily causes autosomal dominant SCA2, while ATXN2 expansions with CAA interruptions were observed as the cause of Levo-dopa responsive Parkinson's disease. ATXN2 expansions associated with ALS were reported to be interrupted by at least one CAA triplet.

### Synonyms:

ATXN2, ataxin2, Ataxin-2, ATX2, ATXN 2

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

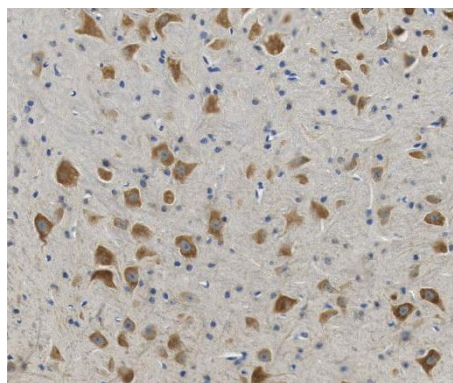
### Storage:

Store at -20 °C for one year.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse brain, 4% PFA 12-24h

### Source of Reagents:

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