

Product datasheet for **AP05073PU-N**

Adarb1 Sheep Polyclonal Antibody

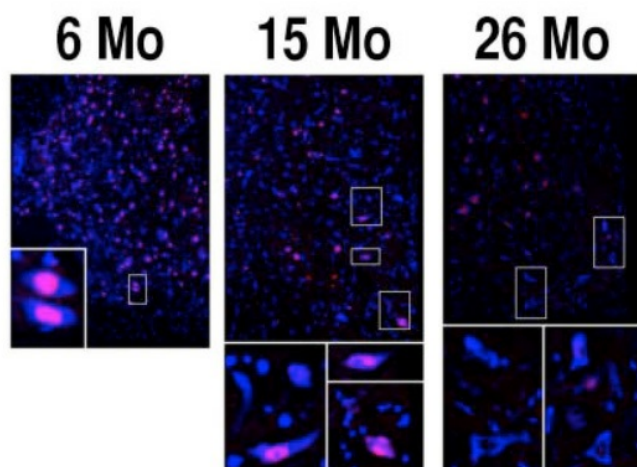
Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	Western Blot: 1/1000. Positive Control: Rat Brain.
Reactivity:	Rat
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	GST fusion protein containing aa 6-66 of the rat RED1 coding sequence
Specificity:	This antibody recognizes ADAR2 (Adenosine Deaminase Acting on RNA 2).
Formulation:	State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Antigen Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	80.7 kDa
Gene Name:	adenosine deaminase, RNA-specific, B1
Database Link:	Entrez Gene 25367 Rat P51400
Background:	RED 1 also called ADAR2 is involved in the editing of the messenger RNAs for glutamate receptor (GluR) subunits by site-selective adenosine deamination. It edits both the GluR-B Q/R and R/G sites efficiently but converts the adenosine in hotspot1 much less efficiently.
Synonyms:	DRADA2, RED1, RNA-editing enzyme 1



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Product images:



Immunofluorescence staining of mouse anterior horns of spinal cord at 6 months, 15 months and 26 months of age. Antibody used at 1/100 dilution and visualized using Donkey anti-Sheep conjugated to Alexa 555 Dye (red color). The blue color is a fluorescent nuclear probe, TOPRO3. (Image modified from original in citation 1)