10320 Camino Santa Fe, Suite G
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RRP7A Polyclonal Antibody
Catalog # AP73296

Specification

RRP7A Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	Q9Y3A4
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

RRP7A Polyclonal Antibody - Additional Information

Gene ID 27341

Other Names
RRP7A; CGI-96; Ribosomal RNA-processing protein 7 homolog A; Gastric cancer antigen Zg14; RRP7B; Putative ribosomal RNA-processing protein 7 homolog B; Putative gastric cancer antigen Zg14-like protein

Dilution
WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

RRP7A Polyclonal Antibody - Protein Information

Name RRP7A (HGNC:24286)

Function
Nucleolar protein that is involved in ribosomal RNA (rRNA) processing (PubMed:33199730). Also plays a role in primary cilia resorption, and cell cycle progression in neurogenesis and neocortex development (PubMed:33199730). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797).

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Cellular Location
Nucleus, nucleolus. Cell projection, cilium. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

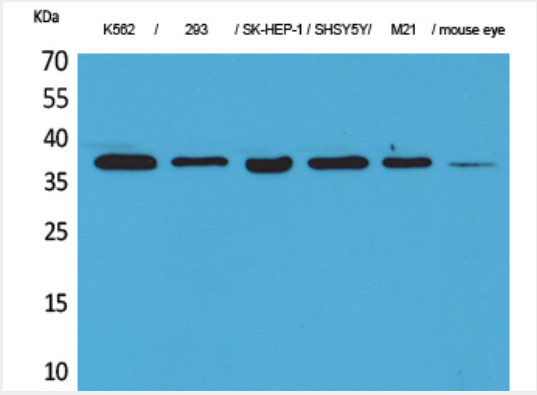
Tissue Location
Expressed in the apical radial glial cells in the developing brain.

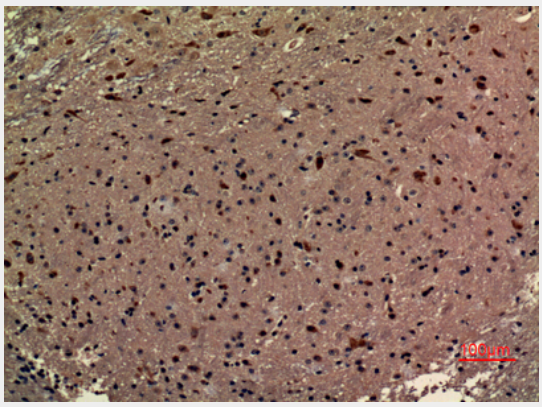
RRP7A Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RRP7A Polyclonal Antibody - Images





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