

KIAA0859 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56495**Specification**

KIAA0859 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q8N6R0
Reactivity	Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78768

KIAA0859 Polyclonal Antibody - Additional Information**Gene ID** 51603**Other Names**

eEF1A lysine and N-terminal methyltransferase, eEF1A-KNMT, Methyltransferase-like protein 13, eEF1A lysine methyltransferase, 2.1.1.-, eEF1A N-terminal methyltransferase, 2.1.1.-, EEF1AKNMT (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=24248) target="_blank">HGNC:24248), KIAA0859, METTL13

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

KIAA0859 Polyclonal Antibody - Protein Information**Name** METTL13 ([HGNC:24248](#))**Function**

Dual methyltransferase that catalyzes methylation of elongation factor 1-alpha (EEF1A1 and EEF1A2) at two different positions, and is therefore involved in the regulation of mRNA translation (PubMed:[30143613](http://www.uniprot.org/citations/30143613), PubMed:[30612740](http://www.uniprot.org/citations/30612740)). Via its C-terminus, methylates EEF1A1 and EEF1A2 at the N-terminal residue 'Gly-2' (PubMed:[30143613](http://www.uniprot.org/citations/30143613)). Via its N-terminus dimethylates EEF1A1 and EEF1A2 at residue 'Lys-55' (PubMed:[30143613](http://www.uniprot.org/citations/30143613), PubMed:[30612740](http://www.uniprot.org/citations/30612740)). Has no activity towards core histones H2A, H2B, H3 and H4 (PubMed:[30612740](http://www.uniprot.org/citations/30612740)).

Cellular Location

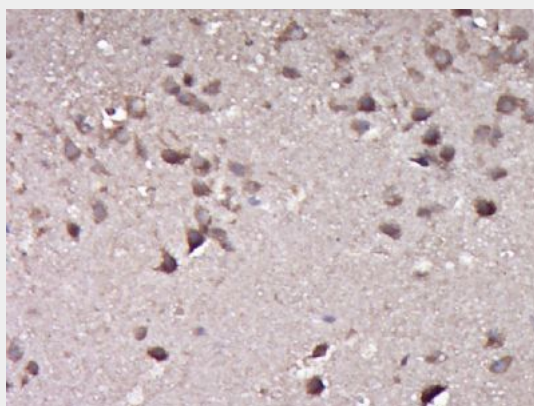
Cytoplasm. Nucleus. Mitochondrion

KIAA0859 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 Cytometry](#)
- [Cell Culture](#)

KIAA0859 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (KIAA0859) Polyclonal Antibody, Unconjugated (bs-16984R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.