

Anti-MTNR1A antibody (281-350) (STJ114997)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

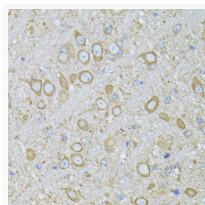
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:100-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 39kDa Observed Mw: 39kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

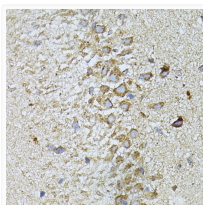
Gene ID	4543
Gene Symbol	MTNR1A
UniProt ID	MTR1A_HUMAN
Immunogen Region	281-350
Immunogen Sequence	YYMAYFNSCLNIIYGLLNQ NFRKEYRRIIVSLCTARVFF VDSSNDVADRVKWKPSPLMT NNNVVKVDSV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 281-350 of human MTNR1A (NP_005949.1).

ADDITIONAL INFORMATION

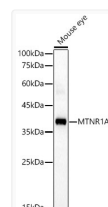
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunohistochemistry analysis of MTNR1A in paraffin-embedded Mouse brain using MTNR1A Rabbit polyclonal antibody (STJ114997) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of MTNR1A in paraffin-embedded Rat brain using MTNR1A Rabbit polyclonal antibody (STJ114997) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from Mouse eye, using MTNR1A Rabbit polyclonal antibody (STJ114997) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.