

Rabbit Anti-Uricase/Cy5 Conjugated antibody

SL6716R-Cy5

Product Name	Anti-Uricase/Cy5
Chinese Name	Cy5 标记的尿酸酶
Alias	Urate oxidase; URICASE; Uox; UOX-2; Uri; Uri2; URIC_MOUSE.
Research Area	Cell biology Neurobiology Signal transduction
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Rat,Dog,Pig,Cow,Rabbit) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	17kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from mouse Neuroglobin
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	background: Uricase catalyzes the oxidation of uric acid to 5 hydroxyisourate which spontaneously decomposes to form allantoin.
Product Detail	Function: Catalyzes the oxidation of uric acid to 5-hydroxyisourate, which is further processed to form (S)-allantoin. Subcellular Location:

Peroxisome.

Post-translational modifications:

Acetylation of Lys-118, Lys-164 and Lys-290 is observed in liver mitochondria from fasted mice but not from fed mice.

Similarity:

Belongs to the uricase family.

Database links:

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.