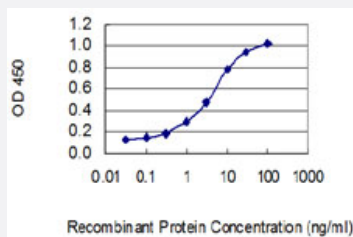


TAT monoclonal antibody (M01), clone 5G6

Catalog # H00006898-M01

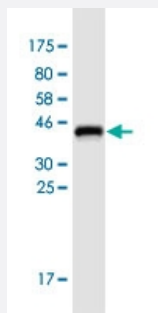
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TAT is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (42.3 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant TAT.

Immunogen

TAT (AAH20707.1, 1 a.a. ~ 142 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MDPYMIQMSSKGNLPSILDVHVNVGGRSSVPGMKGRKARWSVRPSDMAKKTFFNPIRAVDNMK
VKPNPNKTMISLSIGELGTLLRGCHCPPLLSCSQAGWRRWQLGVSLSTEHGRITSWLLCFPPIKR
GPYCVWKPAYRP

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (76); Rat (74)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (42.3 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TAT is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TAT

Entrez GeneID	6898
GeneBank Accession#	BC020707.1
Protein Accession#	AAH20707.1
Gene Name	TAT
Gene Alias	-
Gene Description	tyrosine aminotransferase
Omim ID	276600
Gene Ontology	Hyperlink

Gene Summary

This nuclear gene encodes a mitochondrial protein tyrosine aminotransferase which is present in the liver and catalyzes the conversion of L-tyrosine into p-hydroxyphenylpyruvate. Mutations in this gene cause tyrosinemia (type II, Richner-Hanhart syndrome), a disorder accompanied by major skin and corneal lesions, with possible mental retardation. A regulator gene for tyrosine aminotransferase is X-linked. [provided by RefSeq]

Other Designations

tyrosine aminotransferase, cytosolic

Pathway

- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of phenylpropanoids](#)
- [Cysteine and methionine metabolism](#)
- [Isoquinoline alkaloid biosynthesis](#)
- [Metabolic pathways](#)
- [Novobiocin biosynthesis](#)
- [Phenylalanine](#)
- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)
- [Ubiquinone and other terpenoid-quinone biosynthesis](#)