

Product datasheet

Liver Arginase overexpression 293T lysate (whole cell) ab94082

[2 Images](#)

Overview

Product name	Liver Arginase overexpression 293T lysate (whole cell)
General notes	ab94082 is a 293T cell transfected lysate in which Human liver Arginase has been transiently over-expressed using a pCMV-liver Arginase Full length plasmid. The lysate is provided in 1 x Sample Buffer.
Tested applications	Suitable for: WB

Properties

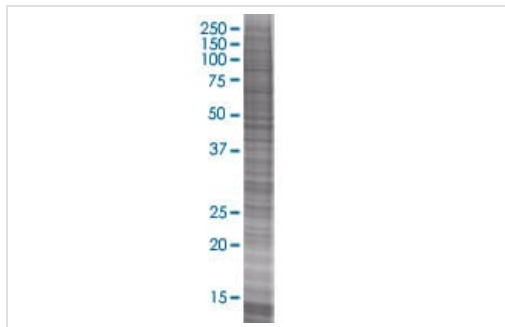
Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Pathway: Nitrogen metabolism; urea cycle; L-ornithine and urea from L-arginine: step 1/1. Disease: Defects in ARG1 are the cause of argininemia (ARGIN) [MIM:207800]; also known as hyperargininemia. Argininemia is a rare autosomal recessive disorder of the urea cycle. Arginine is elevated in the blood and cerebrospinal fluid, and periodic hyperammonemia occurs. Clinical manifestations include developmental delay, seizures, mental retardation, hypotonia, ataxia, progressive spastic quadriplegia. Similarity: Belongs to the arginase family.

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94082 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

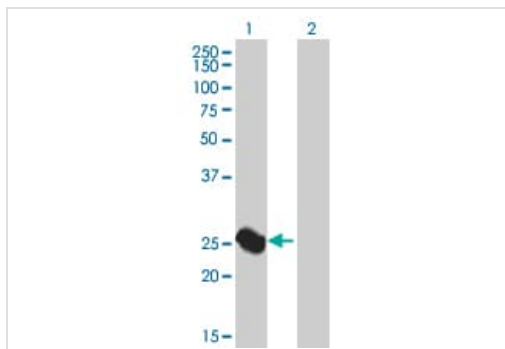
Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



SDS-PAGE - Liver Arginase overexpression 293T lysate (whole cell) (ab94082)

ab94082 at 15µg/lane on an SDS-PAGE gel.



Western blot - Liver Arginase overexpression 293T lysate (whole cell) (ab94082)

All lanes : Anti-liver Arginase antibody ([ab89184](#)) at 1/500 dilution

Lane 1 : Liver Arginase overexpression 293T lysate (whole cell) (ab94082)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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