abcam

Product datasheet

Liver Arginase peptide ab217538

1 Image

Description

Product name Liver Arginase peptide

Purity > 90 % n/a.

Accession P05089

Animal free No

Nature Synthetic

Specifications

Applications

Our <u>Abpromise guarantee</u> covers the use of ab217538 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Form Lyophilized

Additional notes Reconstitution instructions:

- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.

Blocking - Blocking peptide for Anti-Liver Arginase antibody [EPR6672(B)] (ab133543)

- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -20°C.

Information available upon request.

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General Info

Pathway Nitrogen metabolism; urea cycle; L-ornithine and urea from L-arginine: step 1/1.

Involvement in disease Defects in ARG1 are the cause of argininemia (ARGIN) [MIM:207800]; also known as

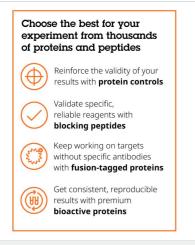
hyperargininemia. Argininemia is a rare autosomal recessive disorder of the urea cycle. Arginine is elevated in the blood and cerebrospinal fluid, and periodic hyperammonemia occurs. Clinical manifestations include developmental delay, seizures, mental retardation, hypotonia, ataxia,

progressive spastic quadriplegia.

Sequence similarities Belongs to the arginase family.

Cellular localization Cytoplasm.

Images



Liver Arginase peptide (ab217538)

To learn more about our protein and peptide range click here.

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