10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ABAD Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6307a

Specification

ABAD Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q6IBS9

ABAD Antibody (Center) Blocking Peptide - Additional Information

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6307a was selected from the Center region of human ABAD. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ABAD Antibody (Center) Blocking Peptide - Protein Information

ABAD Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ABAD Antibody (Center) Blocking Peptide - Images

ABAD Antibody (Center) Blocking Peptide - Background

Amyloid b-peptide-binding alcohol dehydrogenase (ABAD) is a member of the family of short chain dehydrogenase/reductases; unique among this family, it binds amyloid b-peptide and exhibits enzymatic activity toward a wide variety of substrates including linear alcohols. In an amyloid beta-abundant environment, ABAD appears to trigger cell stress induced by the amyloid peptide.

ABAD Antibody (Center) Blocking Peptide - References

FASEB J. 19 (6), 597-598 (2005)J. Mol. Biol. 342 (3), 943-952 (2004)Science 304 (5669), 448-452 (2004)FEBS Lett. 451 (3), 238-242 (1999)J. Biol. Chem. 274 (21), 15014-15019 (1999)