



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Acyl-CoA-binding protein (ACBP) (Diazepam-binding inhibitor) (DBI)

Acyl-CoA-binding protein (ACBP) has been discovered in human and rat brains. It binds to the same receptor through which benzodiazepine drugs exert their effects, such as Valium and Librium. This peptide appears to increase anxiety rather than decreasing it as the drugs do. Acyl-CoA-binding protein (ACBP) is located in brain areas, such as hypothalamus and medial amygdaloid nucleus that are important for emotion.

This antibody was generated by immunization of rabbits with Acyl-CoA-binding protein (ACBP) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4249 (Lot n/a)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Mouse, rat
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffered saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative. Reconstitute by adding 0.2ml of distilled water.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Gln-Ala-Thr-Val-Gly-Asp-Val-Asn-Thr-Asp-Arg-ProGly-Leu-Leu-Asp-Leu-Lys-OH coupled to carrier protein.
Protein database:	<u>rat-P11030</u> , <u>mouse-P31786</u>
Cross-Reactivity:	

PEPTIDE	%
Acyl-CoA-binding protein (ACBP) (rat)	100
Acyl-CoA-binding protein (ACBP) (human)	1.5
VIP (human, bovine, porcine, rat)	0
Substance P	0
Somatostatin-14	0
CRF (human, rat)	0

Cross-Reactivity:

PEPTIDE	%
ACTH (1-39) (human)	0
CCK (26-33) (desulfated)	0
Met-Enkephalin	0

Applications:

Tested in ELISA against ACBP and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.

Optimal dilutions should be determined by the end user
Please see **www.bma.ch** for protocols and general information

Related Products:

T-4250: Rabbit anti Acyl-CoA-binding protein (ACBP), neat antiserum

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.