



BMA BIOMEDICALS



Peninsula Laboratories

T-4249

Rabbit anti Acyl-CoA-binding protein (ACBP) (Diazepam-binding inhibitor) (DBI) (ms, rt), UniProt [P11030, P31786]

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

Lot number:	n/a
Host species:	Rabbit IgG
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against Acyl-CoA-binding protein (ACBP). Other applications like immunohistochemistry (IHC), FACS or 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.
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.

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

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. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4249

rabbit IgG

1.03.2021