

**RABBIT ANTI-FATTY ACID AMIDE HYDROLASE (FAAH)
AFFINITY PURIFIED
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB5644P
LOT NUMBER:	
QUANTITY:	50 µg
CONCENTRATION:	0.5 mg/mL
SPECIFICITY:	Recognizes human Fatty Acid Amide Hydrolase (FAAH). The immunogen shows no significant sequence homology with other hydrolases.
IMMUNOGEN:	A 17 amino acid peptide sequence near the N-terminus of human FAAH (1).
APPLICATIONS:	Western blot: 1-10 µg/mL using ECL. Immunohistochemistry: not tested. It is recommended that the antibody be tried at 2-20 µg/mL on paraformaldehyde fixed tissue. ELISA: 1:10,000-1:100,000 using 50-100 ng control peptide per well. Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Human. The immunogen peptide is 100% conserved in rat, 94% in mouse and porcine and 58% in chicken. Reactivity with other species has not been confirmed.
FORMAT:	Affinity purified immunoglobulin.
PRESENTATION:	Liquid in 100 mM Tris, pH 7.5, containing 0.2% BSA and 0.05% sodium azide.
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.
REFERENCES:	Aguado, T., et al., <i>The FASEB Journal</i> (2005) published on line July 21, 2005. Aguado, T., et al., <i>Journal Neuroscience</i> (2006) 26 :1551-1561.
RELATED REFERENCES:	1) Patricelli MR et al (1998) <i>Biochemistry</i> 37 :15177-15187; Maccarone M et al (1998) <i>J. Biol. Chem.</i> 273 :32332-32339; Cravatt BF et al (1996) <i>Nature</i> 384 :83-87; Giang Dk et al (1997) <i>PNAS</i> 94 :2238-2242; Thomas EA et al (1997) <i>J. Neurosci.</i> 50 :1047-1052; Wan M et al (1998) <i>Genomics</i> 54 :408-414.

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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