

Polyclonal Antibody to TSA - Aff - Purified

Catalog No.:	15-288-21018
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	<p>Apo D is localized to steroid-responsive tissues (adrenal cortex, ovary, endometrium, prostate and pituitary). Apocrine epithelium within axillary skin exhibited strongly positive staining for Apo D and peripheral nerves, pituitary and renal tubules were also immunoreactive.</p> <p>Apo D, a Progesterone binding Glycoprotein of 24,000 dalton monomer molecular size, is a constituent of high density lipoprotein in plasma and was first isolated in large quantity as GCDPF-24, the major protein component of most human breast cyst fluids.</p>
Host / Isotype:	Chicken
Immunogen:	Apo D, a progesterone binding glycoprotein of 24,000 dalton monomer molecular size.
Format:	<p>State: Liquid purified supernatant</p> <p>Purification: Ammonium sulfate precipitation and dialysis.</p> <p>Buffer System: PBS without preservatives.</p>
Applications:	<p>Tissue sections: Formalin-fixed, paraffin-embedded tissues.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	Reacts with Human Apolipoprotein D.
Storage:	<p>Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p>
General References:	<ol style="list-style-type: none">1. Thomas, E.A., et al, (2001), Increased CNS levels of apolipoprotein D in schizophrenic and bipolar subjects: Implications for the pathophysiology of psychiatric disorders, Proc. Natl. Acad. Sci., 87(7), 4066-4071.2. Kolodny, E.H., (2000), Niemann-Pick Disease, Curr. Opin. Hematol., 7(1), 48-52.3. Kalman, J., et al., Apolipoprotein D in the aging brain and in Alzheimer's dementia., Neurol. Res., 22(4), 330-336.4. Franz, G., et al., (1999), Increased expression of apolipoprotein D following experimental traumatic brain injury, J. Neurochem., 73(4), 1615-1625.5. Montpied, P., et al., (1999), Hippocampal alterations of apolipoprotein E and D mRNA in vivo and in vitro following kainate excitotoxicity, Epilepsy Res., 35(2), 135-146.6. Navarro, A., et al., (1998), Pattern of apolipoprotein D immunoreactivity in human brain, Neuroscience Letters, 254(1), 17-20.7. Suresh, S., et al., (1998), Cellular cholesterol storage in the Niemann-Pick disease type C mouse is associated with increased expression and defective processing of apolipoprotein

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8. Terrisse, L., et al., (1998), Increased levels of apolipoprotein D in cerebrospinal fluid and hippocampus of Alzheimer's patients, J. Neurochem., 71(4), 1643-1650.
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Protocols:

Tissue sections:

Optimal staining: the sections should be pretreated with an antigen unmasking solution. The primary antibody should be incubated 20-60 minutes at room temperature.

Dilutions: Primary antibody (concentrated format) may be diluted to > 1:200 for Biotin based detection systems.

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