

Polyclonal Antibody to Human Immunodeficiency Virus 1 (HIV-1) Matrix - Aff - Purified

Alternate names:	Human Immunodeficiency Virus I, HIV1, HIV-I, HIVI																
Catalog No.:	15-288-10807F																
Quantity:	0.1 mg																
Background:	<p>The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 1 is involved in mediation of vagally-induced bronchoconstriction and in the acid secretion of the gastrointestinal tract. Muscarinic receptors are so called as they are more sensitive to the effects of the alkaloid muscarine, rather than nicotine.</p>																
Host / Isotype:	Chicken																
Immunogen:	A peptide analogue of the carboxyl terminal of the Muscarinic M1 receptor covalently attached to a carrier protein.																
Format:	<p>State: Lyophilized whole antiserum</p> <p>Reconstitution: Restore with 0.1 ml of PBS which contains 10 mg/ml BSA or with additional buffer for more diluted antibody.</p>																
Applications:	<p>ELISA</p> <p>Immunofluorescence</p> <p>Cryo sections: PLP fixed rat brain sections using ABC techniques at a dilution of 1:5,000.</p> <p>Western immunoblots using whole rat brain homogenate has been successful at a dilution of 1:800.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>																
Specificity:	<p>Specific for Muscarinic M1 Receptor (carboxyl terminal) (a.a. 451-460).</p> <p>Cross-reactivity:</p> <table><tr><td>M1 Muscarinic Receptor (451-460)</td><td>100%</td></tr><tr><td>M1 Muscarinic Receptor</td><td>60%</td></tr><tr><td>M2 Muscarinic Receptor (457-466)</td><td>0%</td></tr><tr><td>M2 Muscarinic Receptor</td><td>0%</td></tr><tr><td>M3 Muscarinic Receptor (580-589)</td><td>0%</td></tr><tr><td>M3 Muscarinic Receptor</td><td>0%</td></tr><tr><td>M4 Muscarinic Receptor (469-478)</td><td>0%</td></tr><tr><td>M4 Muscarinic Receptor</td><td>0%</td></tr></table>	M1 Muscarinic Receptor (451-460)	100%	M1 Muscarinic Receptor	60%	M2 Muscarinic Receptor (457-466)	0%	M2 Muscarinic Receptor	0%	M3 Muscarinic Receptor (580-589)	0%	M3 Muscarinic Receptor	0%	M4 Muscarinic Receptor (469-478)	0%	M4 Muscarinic Receptor	0%
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For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

M5 Muscarinic Receptor (519-531) 0%

M5 Muscarinic Receptor 0%

Species: Rat.

Others not tested.

Storage:

Lyophilized: Store at 2-8°C (preferably in a dessicator).

Reconstituted: Aliquot and store at -20°C. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

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