

## Polyclonal Antibody to PTPN4 - Aff - Purified

<b>Catalog No.:</b>	15-288-21491A
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.9 mg/ml (OD280 nm, E0.1% = 1.3)
<b>Background:</b>	<p>Mumps is one of the commonly acquired viral diseases of childhood and is the most common cause of aseptic meningitis. However, its incidence in developed countries has declined dramatically since the advent of vaccination.</p> <p>A member of the paramyxovirus family, it is closely related to parainfluenza viruses. Its genome is ss RNA of 16 - 18 kbp, and it is an enveloped virus of helical symmetry. The single RNA molecule, in a helical nucleocapsid, is in association with the nucleoprotein (NP). M protein forms the structure which underlies the viral envelope. The HN (haemagglutination and neuraminidase protein) and the F (fusion) protein form the spikes present on the lipid bilayer envelope. Only one serotype of the virus exists. There is significant antigenic cross-reaction with other members of the paramyxovirus genus.</p>
<b>Host / Isotype:</b>	Chicken
<b>Immunogen:</b>	Mumps virus, Enders strain.
<b>Format:</b>	<p><b>State:</b> Liquid purified Ig fraction (&gt;90% pure)</p> <p><b>Purification:</b> Protein A chromatography.</p> <p><b>Buffer System:</b> 0.01 M PBS, pH 7.2, containing 0.09% sodium azide as preservative and no stabilizers.</p>
<b>Applications:</b>	<p>Immunofluorescence (1:10-1:50).</p> <p>ELISA (1:20-1:200).</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Specificity:</b>	<p>Specific for Mumps virus.</p> <p>Does not cross-react with other respiratory viruses.</p>
<b>Storage:</b>	<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>

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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