

## Polyclonal Antibody to Thaumatin (Talin) - Aff - Purified

<b>Catalog No.:</b>	14-288-10063F
<b>Quantity:</b>	1.0 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	EPO is a 30 kDa glycoprotein hormone secreted primarily by the kidney that stimulates bone marrow erythropoiesis in response to hypoxia or anemia. The cDNAs for Epo have been cloned from many species. The mature proteins from the various species are highly conserved, exhibiting greater than 80% sequence identity at the amino acid level.
<b>Host / Isotype:</b>	Chicken
<b>Immunogen:</b>	A 26 amino acid synthetic analogue of EPO.
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Purification:</b> Affinity Chromatography on Protein G. <b>Buffer System:</b> Phosphate Buffered Saline PBS, pH 7.2 containing 0.09% Sodium Azide as preservative.
<b>Applications:</b>	Western blotting: Use at ~1 $\mu$ g/ml to detect 10 ng/lane of Human EPO under reducing and non reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody is specific for Erythropoetin (EPO) and binds to an Epitope within the first 26 amino acids of the N terminus of Human urinary and Human recombinant EPO. <b>Species:</b> Human and Rat. Does not react with Baboon, Sheep and Dog. Others not tested. <b>Affinity Constant:</b> 6.7 x 10e-9M (native human EPO).
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Dilute only prior to immediate use. Avoid cycles of freezing and thawing. Shelf life: One year from despatch.
<b>General References:</b>	1. Sue, J. M. and Sytkowski, A. J. (1983) Site-specific antibodies to human erythropoietin directed toward the NH <sub>2</sub> -terminal region. PNAS 80(12): 3651-3655.

**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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