

Product datasheet for **BP864P**

TGF alpha (TGFA) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Bovine, Human, Rat
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Mature human recombinant TGF-alpha conjugated to KLH.
Specificity:	This antibody detects Transforming Growth Factor alpha. Does not react with EGF or TGF-beta.
Formulation:	Borate buffered saline, pH 8.4, 0.09 % Sodium Azide (NaN ₃) State: Ig Fraction State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Ion Exchange chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transforming growth factor alpha
Database Link:	Entrez Gene 7039 Human P01135
Background:	<p>TGF-alpha is a 50 amino acid EGF-related polypeptide expressed in a range of tissues, including skin, pancreas, liver, duodenum, salivary glands, urinary and respiratory systems, and the developing and mature central nervous system (CNS).</p> <p>TGF-alpha is produced by monocytes, keratinocytes and neuronal cells and stimulates the proliferation of a range of epidermal and epithelial cells, through binding to the epidermal growth factor receptor (EGFR). TGFalpha is mitogenic for multipotent neural progenitors and is involved in astrogliosis.</p>



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Synonyms: Transforming growth factor alpha, ETGF