

## Product Datasheet

### STAT3 Antibody (orb572344)

<b>Catalog Number</b>	orb572344
<b>Category</b>	Antibodies
<b>Description</b>	This Phospho-STAT3 (Tyr705) Antibody is an unconjugated polyclonal product. It targets STAT3 using a Peptide sequence around phosphorylation site of tyrosine 705 (A-P-Y(p)-L-K) derived from Human STAT3 as the immunogen. This antibody is suitable for ELISA, IF, IHC, WB.
<b>Target</b>	STAT3
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	liquid
<b>Buffer/Preservatives</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography.
<b>Immunogen</b>	Peptide sequence around phosphorylation site of tyrosine 705 (A-P-Y(p)-L-K) derived from Human STAT3.
<b>UniProt ID</b>	<b>P40763</b>

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<b>Tested applications</b>	ELISA, IF, IHC, WB
<b>Dilution range</b>	WB: 1:500-1:1000, IHC-P: 1:50-1:100, IF: 1:100-1:200
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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