

Product Datasheet

STAT3 (Phospho-Y705) Rabbit Polyclonal Antibody (orb224010)

Catalog Number	orb224010
Category	Antibodies
Description	The STAT3 (Phospho-Y705) Antibody is suitable for IHC, IP, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y705 of human STAT3 protein. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	STAT3
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Bovine, Canine, Human, Mouse, Porcine, Rabbit, Rat, Sheep
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y705 of human STAT3 protein. The exact sequence is proprietary.
UniProt ID	P42227, P40763, P52631
Tested applications	IHC, IP, WB

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

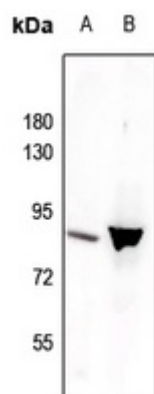
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

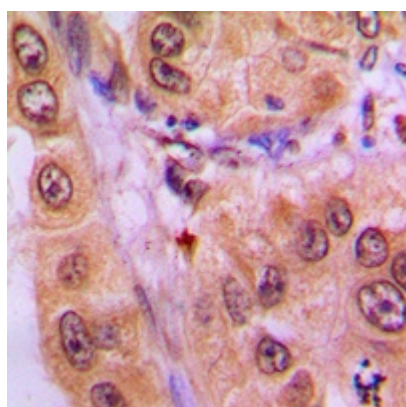
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Dilution range	WB: 1:500-1:1000, IHC-P: 1:100-1:200, IP: 1:10-1:100
Specificity	Recognizes endogenous levels of STAT3 protein only when phosphorylated at Y705.
Antibody Type	Primary Antibody
Storage	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.
Note	For research use only
Entrez	6774, 20848, 25125
Expiration Date	12 months from date of receipt.



Western blot analysis of STAT3 (Phospho-Y705) expression in mouse brain (A), H1792 (B) whole cell lysates. (Predicted band size: 88 kDa; Observed band size: 86 kDa)



Immunohistochemical analysis of STAT3 (Phospho-Y705) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (Phospho-H 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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