

Stat3 Polyclonal Antibody

Catalog No: #41464

Package Size: #41464-1 50ul #41464-2 100ul

Description

Product Name	Stat3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC ELISA
Species Reactivity	Hu Ms Rt
Specificity	Stat3 Polyclonal Antibody detects endogenous levels of Stat3 protein.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from human Stat3 around the non-phosphorylation site of Y705.
Conjugates	Unconjugated
Target Name	Stat3
Other Names	STAT3; APRF; Signal transducer and activator of transcription 3; Acute-phase response factor
Accession No.	Swiss-Prot: P40763NCBI Gene ID: 6774
SDS-PAGE MW	88kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/5000.

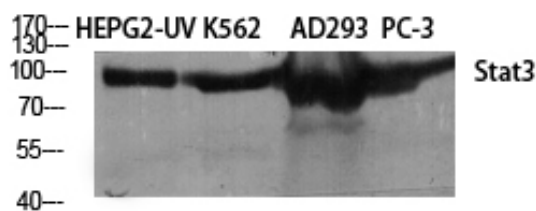
Not yet tested in other applications.

Images



Western Blot analysis of NIH-3T3 cells using Stat3 Polyclonal Antibody

Western Blot analysis of HepG2 K562 AD293 PC3 cells using Stat3 Polyclonal Antibody



Published Papers

el at., Detection of promoter methylation status of suppressor of cytokine signaling 3 (SOCS3) in tissue and plasma from Chinese patients with different hepatic diseases. In Clin Exp Med. On 2018 Feb by Wei L, Huang Y et al.. PMID:28951980, , (2018)

[PMID:28951980](#)

el at., Knockdown of CTCF reduces the binding of EZH2 and affects the methylation of the SOCS3 promoter in hepatocellular carcinoma. In Int J Biochem Cell Biol on 2020 Mar; by Wei L, Liu Q, et al.. PMID: 31917284, , (2020)

[PMID:31917284](#)

el at., Costunolide improved dextran sulfate sodium-induced acute ulcerative colitis in mice through NF- κ B, STAT1/3, and Akt signaling pathways. In Int Immunopharmacol on 2020 Jul by Fan Xie, Hai Zhang, et al.. PMID:32413737, , (2020)

[PMID:32413737](#)

el at., Receptor tyrosine kinase C-kit promotes a destructive phenotype of FLS in osteoarthritis via intracellular EMT signaling. In Mol Med On 2023 Mar 23 by Xu Cao, Song Wu et al.. PMID:36959556, , (2023)

[PMID:36959556](#)

Rui Yang; Meng-Yan Deng; Lu-Kui Yang; Guan-Zhe Wang; Jun Ma; Qiang Wen; Na Gao; Hai-Ling Qiao et al., Identification of Cytochrome P450 2E1 as a Novel Target in Neuroinflammation and Development of Its Inhibitor Q11 as a Treatment Strategy., , (2025)

[PMID:40122152](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.