

Anti-DDIT3 antibody (39-169) (STJ113090)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IP/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

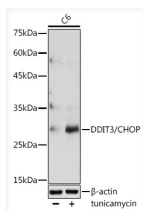
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 19kDa Observed Mw: 30kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

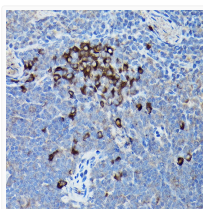
Gene ID	1649
Gene Symbol	DDIT3
UniProt ID	DDIT3_HUMAN
Immunogen Region	39-169
Immunogen Sequence	MAAESLPFSFGTLSSWELEA WYEDLQEVLSSENGGTYVS PPGNEEEESKIFTTLDPASL AWLTEEEPEPAEVTSTSQSP HSPDSSQSSLAQEEEEEDQG
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human DDIT3/CHOP (NP_004074.2).

ADDITIONAL INFORMATION

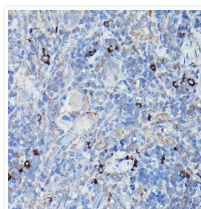
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



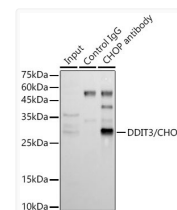
Western blot analysis of extracts of C6 cells, using DDIT3/CHOP antibody (STJ113090) at 1:1000 dilution. C6 cells were treated by tunicamycin (2 Mu g/ml) for 8 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded mouse spleen using DDIT3/CHOP rabbit polyclonal antibody (STJ113090) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat spleen using DDIT3/CHOP rabbit polyclonal antibody (STJ113090) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunoprecipitation analysis of 300 Mu g extracts of C2C12 tunicamycin cells using 3 Mu g DDIT3/CHOP antibody (STJ113090). Western blot was performed from the immunoprecipitate using DDIT3/CHOP antibody (STJ113090) at a dilution of 1:500.