Anti-FOS antibody (STJ13100241)

STJ13100241

GENERAL INFORMATION

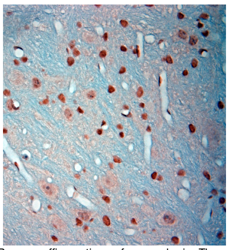
Product Type	Primary antibodies
Short Description	Nz White Rabbit polyclonal antibody anti-cFos is suitable for use in Immunohistochemistry and Western Blot research applications.
Applications	IHC, WB
Host/Source	NZ White Rabbit
Reactivity	Rat, Mouse, Marmoset

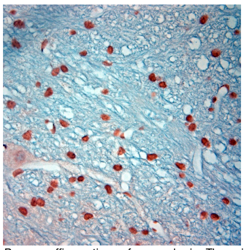
PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Whole serum
Dilution Range	Use at a dilution of 1:1000 to 1:2000. The optimal dilution should be determined by the end user. Not yet tested in other applications. For WB, the lysate must be prepared in G1 lysing buffer which is:Ripa lysing buffer containing 1% Triton X-100; 1%
Formulation	Shipped as lyophilised. Reconstitute in 100 µl of sterile water. Centrifuge to remove any insoluble material.
Isotype	IgG
Storage Instruction	Maintain the lyophilised/reconstituted antibodies frozen at-20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

TARGET INFORMATION

Gene ID	2353
Gene Symbol	FOS
Uniprot ID	FOS_HUMAN
Immunogen	A synthetic peptide from human cFos protein conjugated to blue carrier protein has been used as the antigen. The peptide is homologous in many other species including rat and mouse.
Immunogen Region	
Specificity	Specific for cFos.
Immunogen Sequence	


IHC-P on paraffin sections of mouse brain. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions; DAB chromogen. Primary antibody dilution 1: 1000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.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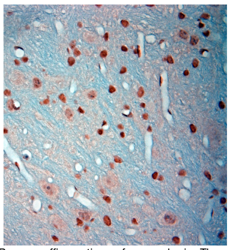
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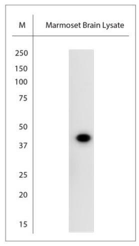

WB on marmoset brain lysate prepared in Ripa buffer containing 1% Triton-X100; 1% SDS and 1% SDC. Blocking: 1% LFDM for 30 min at RT; primary antibody dilution 1: 2000 incubated at 4C overnight.

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