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PRODUCT DATASHEET

Anti-ATF2 (Ser490,498) Antibody

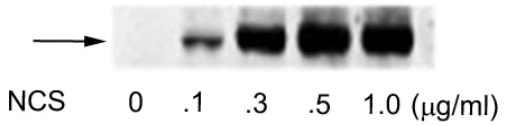
phosphosolutions ANTIBODIES THAT WORK Pooled Serum

Product Details

Available Variants	100 µL (SKU:p115-4908) 25 µL (SKU:p115-4908t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	ATF2
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:1000 ICC: 1:500
Species Reactivity	Human, Mouse
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser490/498 of human ATF2, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~74 kDa ATF2 protein phosphorylated at Ser490,498. The antibody also recognizes the phosphorylated ~54 kDa splice form of ATF2.
Molecular Weight	74 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2492044
UniProt ID	P15336
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Rat
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser490,498
NCBI Gene ID	1386

Product Images



Western blot of human melanoma cells incubated with varying doses of the radiomimetic drug NCS showing specific immunolabeling of the ~74 kDa ATF2 protein phosphorylated at Ser490 and Ser498.