

Anti-Fractin Antibody

Our Anti-Fractin primary antibody from PhosphoSolutions is rabbit polyclonal. It detects human and r

Catalog # AN1388

Product Information

Application	WB, IHC, ICC
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG

Additional Information

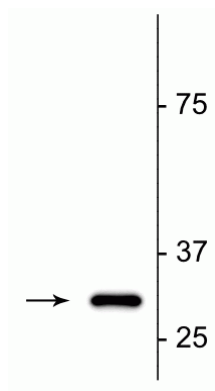
Other Names	Fragment of actin, actin cleavage product
Target/Specificity	Fractin (fragment of actin) is a caspase-specific cleavage product of actin and serves as a novel marker of apoptosis-related events. The antibody has been shown to detect the processes and cell bodies of degenerating neurons and plaque-associated microglia in Alzheimer's disease (Yang et al., 1998). It has recently been reported that Fractin may have a functional role in apoptotic signaling in oligodendrocytes (Schulz, R., et al., Glia, 2009, in press).
Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Format	Neat Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Fractin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

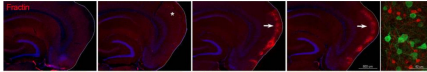
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Images

Western blot of colchicine treated Sy5y cell lysate



showing specific immunolabeling of the ~32 kDa cleaved actin fragment (fractin).



Fractin (cat. AN1388, 1:5000; red) immunostaining of mouse brain signifying the emergence of damaged/dying neurons in entorhinal cortex (EC). Nuclei stained with DAPI (blue). Final image shows fractin+ cells (red) among YFP+ cells (green) at 7 dpi. Image from publication CC-BY-4.0. PMID:36468693

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.