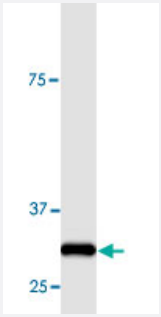
Actin (32 kDa fragment) polyclonal antibody

Catalog # PAB16937 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot of colchicine treated SH-SY5Y cell lysate showing specific immunolabeling of the ~ 32k cleaved actin fragment (fractin).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Actin (32 KDa fragment).
Immunogen	A synthetic peptide corresponding to C-terminus of 32 kDa actin fragment.
Host	Rabbit
Theoretical MW (kDa)	32
Reactivity	Human, Rat
Specificity	This antibody has been directly tested for reactivity in human and rat. specific to the ~ 32 KDa fractin protein in Western blots with no reactivity to intact actin. There is often a ladder of smaller bands in c ells or culture or in vivo preparations due to further degradation by other proteases.
Form	Liquid
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	No additive

Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

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- Immunohistochemistry

Publication Reference

- Caspase-3 activation and caspase-like proteolytic activity in human perinatal hypoxic-ischemic brain injury.

  Rossiter JP, Anderson LL, Yang F, Cole GM.

  Acta Neuropathologica 2002 Jan; 103(1):66.

  Application: IHC-P, Human, Human brains

- Multiple-label immunocytochemistry for the evaluation of nature of cell death in experimental models of neurodegeneration.

  Adamec E, Yang F, Cole GM, Nixon RA.

  Brain Research. Brain Research Protocols 2001 Jul; 7(3):193.

  Application: IF, Rat, Hippocampal neurons

- Inhibition of caspase-3-like activity reduces glutamate induced cell death in adult rat retina.

  Chen TA, Yang F, Cole GM, Chan SO.

  Brain Research 2001 Jun; 904(1):177.

  Application: ICC, Rat, Retina