Acris Antibodies, Inc.

6815 Flanders Drive, Suite 140
San Diego, CA 92121
UNITED STATES
Phone: +1-858-888-7900
Fax: +1-858-888-7904
US-info@acris-antibodies.com

Acris Antibodies GmbH

Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info@acris-antibodies.com

Polyclonal Antibody to Human DRAK1 (NT)

Catalog No.: SP6264P

Quantity: 50 µg

Concentration: 0.5 mg/ml

Host: Rabbit

Immunogen: A synthetic peptide corresponding to amino acids 5 to 19 of human DRAK1 (1).

Format: This antibody is supplied as liquid Protein G purified immunglobulin fraction in Phosphate buffered saline with 0.02% sodium azide as preservative.

Applications: Suitable for Western blot (1/500 - 1/1000, A431 or MOLT4 whole cell lysate can be used as positive control and an approximately 50 kDa band can be detected). Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
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Specificity: Apoptosis is mediated by death domain containing adapter molecules and a caspase family of proteases. Certain serine/threonine protein kinases, such as ASK-1 and RIP, are mediators of apoptosis. Two novel serine/threonine kinases that induce apoptosis were recently identified and designated DRAK1 and DRAK2 for DAP kinase-related apoptosis-inducing protein kinases (1). DRAKs contain an N-terminal kinase domain and a C-terminal regulation domain. Overexpression of DRAK1 induces apoptosis. DRAKs have high sequence homology to DAP and ZIP kinases, and they represent a novel family of serine/threonine kinases, which mediates apoptosis through their catalytic activities. DRAK1 is located in nucleus and the messenger RNA was ubiquitously expressed in human tissue (1).
This antibody reacts with human DRAK1 (NT).

Storage: Store the antibody undiluted at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.

General Readings:

1. Sanjo H, Kawai T, Akira S. DRAKs, novel serine/threonine kinases related to death-associated protein kinase that trigger apoptosis. J Biol Chem. 1998 Oct 30;273(44):29066-71. PubMed PMID: 9786912.

For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com