

FAK Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_005598.3

Catalog No. A301-692A-T GenelD 5747

Lot No. A301-692A-T-1

APPLICATIONS	IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, X. laevis and Chicken
AMOUNT	10 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to FAK immobilized on solid support.

The epitope recognized by A301-692A-T maps to a region between residue 325 and 375 of human focal adhesion kinase 1 using the numbering given in entry NP_005598.3 (GeneID 5747).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot Not recommended. Use rabbit anti-FAK antibody A301-693A.

Immunoprecipitation 2 – 5 µg/mg lysate

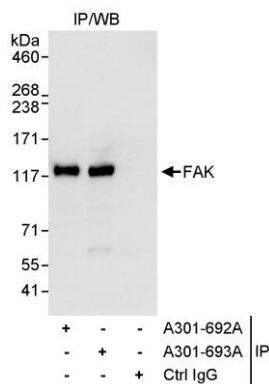
ADDITIONAL INFO <https://www.bethyl.com/product/A301-692A-T>

Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: June 6, 2022



Detection of human FAK by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-FAK antibody A301-692A used for IP at 3 $\mu\text{g}/\text{mg}$ lysate. FAK was also immunoprecipitated by rabbit anti-FAK antibody A301-693A, which recognizes a downstream epitope. For blotting immunoprecipitated FAK, A301-693A was used at 1 $\mu\text{g}/\text{ml}$. *Detection:* Chemiluminescence with an exposure time of 3 seconds.