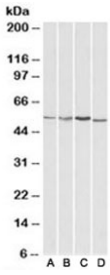
AKT3 Antibody (R33341)

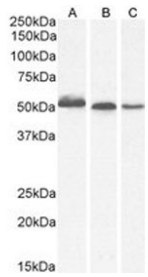
Catalog No.	Formulation	Size
R33341-100UG	0.5 mg/ml in 1X TBS, pH7.3, with 0.5% BSA (US sourced) and 0.02% sodium azide	100 ug

Bulk quote request

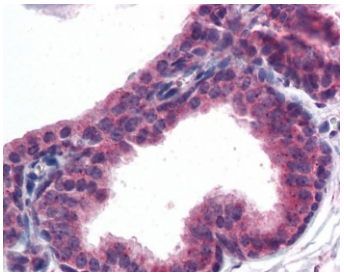
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Goat
Clonality	Polyclonal (goat origin)
Isotype	Goat Ig
Purity	Antigen affinity
Gene ID	10000
Localization	Nuclear, cytoplasmic, membrane
Applications	Western blot: 1-3ug/ml Immunohistochemistry (FFPE): 5ug/ml Flow cytometry: 10ug/ml Immunofluorescence: 10ug/ml ELISA (peptide) LOD: 1:16000
Limitations	This AKT3 antibody is available for research use only.



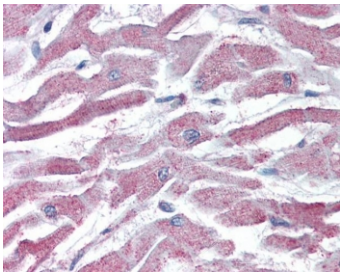
Western blot testing of HepG2 [A], Jurkat [B], mouse brain [C] and rat brain [D] lysates with AKT3 antibody at 1ug/ml. Predicted molecular weight: ~56kDa but can be observed from 60~65kDa.



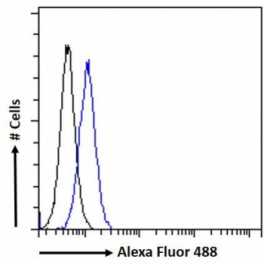
Western blot of 1A) human thyroid, 2) mouse brain and 3) rat brain tissue lysate probed with AKT3 antibody. Predicted molecular weight: ~56 kDa but can be observed from 60~65 kDa.



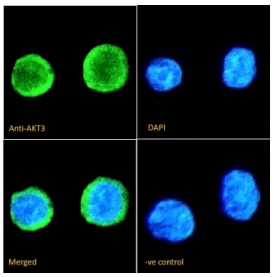
IHC testing of FFPE human prostate tissue with AKT3 antibody at 5ug/ml. Required HIER: steamed antigen retrieval with pH6 citrate buffer; AP-staining.



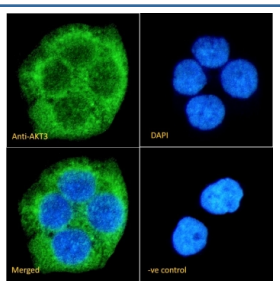
IHC testing of FFPE human heart tissue with AKT3 antibody at 5ug/ml. Required HIER: steamed antigen retrieval with pH6 citrate buffer; AP-staining.



FACS testing of fixed and permeabilized human HepG2 cells with AKT3 antibody (blue) at 10ug/ml and naive goat Ig (black).



IF/ICC staining of fixed and permeabilized human ThP-1 cells with AKT3 antibody (green) at 10ug/ml and DAPI nuclear stain (blue).



IF/ICC staining of fixed and permeabilized human A431 cells with AKT3 antibody (green) at 10ug/ml and DAPI nuclear stain (blue).

Description

Additional name(s) for this target protein: Protein kinase Akt-3; RAC-PK-gamma

Application Notes

Optimal dilution of the AKT3 antibody should be determined by the researcher.

1. This AKT3 antibody does not react with human AKT1/2.

Immunogen

Amino acids CSPTSQIDNIGEEEM were used as the immunogen for this AKT3 antibody. (1)

Storage

Aliquot and store the AKT3 antibody at -20oC.

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