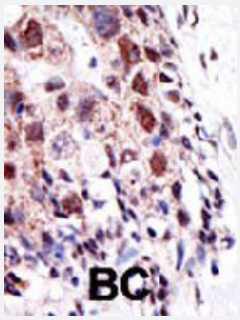
UBE2S polyclonal antibody

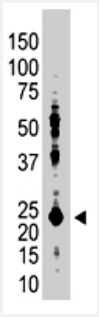
Catalog # PAB1702 Size 400 uL

Applications



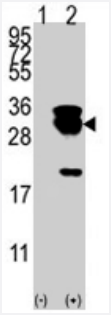
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with UBE2S polyclonal antibody (Cat # PAB1702) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.



Western Blot (Cell lysate)

UBE2S polyclonal antibody (Cat # PAB1702) is used in Western blot to detect UBE2S in HL-60 cell lysate.



Western Blot (Transfected lysate)

Western blot analysis of UBE2S (arrow) using UBE2S polyclonal antibody (Cat # PAB1702). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the UBE2S gene (Lane 2) (Origene Technologies).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of UBE2S.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human UBE2S.

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Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Western Blot (Cell lysate)

  UBE2S polyclonal antibody (Cat # PAB1702) is used in Western blot to detect UBE2S in HL-60 cell lysate.

- Western Blot (Transfected lysate)

  Western blot analysis of UBE2S (arrow) using UBE2S polyclonal antibody (Cat # PAB1702). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the UBE2S gene (Lane 2) (Origene Technologies).

Gene Info — UBE2S

Entrez GeneID	27338
Protein Accession#	NP_055316;Q16763
Gene Name	UBE2S
Gene Alias	E2-EPF, E2EPF, EPF5
Gene Description	ubiquitin-conjugating enzyme E2S

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Omim ID	610309
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ubiquitin-conjugating enzyme family. The encoded protein is able to form a thiol ester linkage with ubiquitin in a ubiquitin activating enzyme-dependent manner, a characteristic property of ubiquitin carrier proteins. [provided by RefSeq
Other Designations	ubiquitin carrier protein S|ubiquitin-conjugating enzyme E2-24 kD|ubiquitin-protein ligase S

Publication Reference

- Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences.

  Strausberg RL, Feingold EA, Grouse LH, Derge JG, Klausner RD, Collins FS, Wagner L, Shenmen CM, Schuler GD, Altschul SF, Zeeberg B, Buetow KH, Schaefer CF, Bhat NK, Hopkins RF, Jordan H, Moore T, Max SI, Wang J, Hsieh F, Diatchenko L, Marusina K, Farmer AA, Rubin GM, Hong L, Stapleton M, Soares MB, Bonaldo MF, Casavant TL, Scheetz TE, Brownstein MJ, Usdin TB, Toshiyuki S, Carninci P, Prange C, Raha SS, Loquellano NA, Peters GJ, Abramson RD, Mullahy SJ, Bosak SA, McEwan PJ, McKernan KJ, Malek JA,

  PNAS 2002 Dec; 99(26):16899.

- cDNA cloning of a novel human ubiquitin carrier protein. An antigenic domain specifically recognized by endemic pemphigus foliaceus autoantibodies is encoded in a secondary reading frame of this human epidermal transcript.

  Liu Z, Diaz LA, Haas AL, Giudice GJ.

  The Journal of Biological Chemistry 1992 Aug; 267(22):15829.

  Application: WB-Re, Recombinant protein

Pathway

- Ubiquitin mediated proteolysis

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