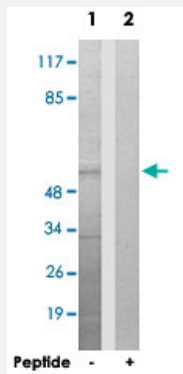# UBXN11 polyclonal antibody

Catalog #   PAB17394   Size   100 ug
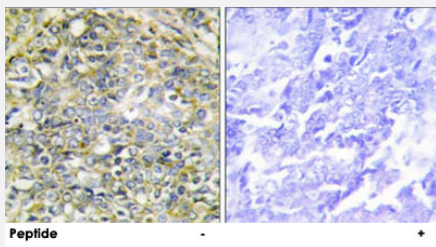
Applications

Western Blot (Cell lysate)

Western blot analysis of extracts from HepG2 cells, using UBXN11 polyclonal antibody (Cat # PAB17394).
Peptide "+" means "with peptide blocking".

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

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using UBXN11 polyclonal antibody (Cat # PAB17394).
Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of UBXN11.
Immunogen	A synthetic peptide corresponding to internal of human UBXN11.
Host	Rabbit
Reactivity	Human
Specificity	This antibody detects endogenous levels of total UBXN11 protein.
Form	Liquid

Recommend Usage	Western Blot (1:500-1:1000)
	Immunohistochemistry (1:50-1:100)
	ELISA (1:20000)
	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C.
	Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of extracts from HepG2 cells, using UBXN11 polyclonal antibody (Cat # PAB17394).
  Peptide "+" means "with peptide blocking".

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

  Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using UBXN11 polyclonal antibody (Cat # PAB17394).
  Peptide "+" means "with peptide blocking".

Gene Info — UBXN11

Entrez GeneID	91544
Protein Accession#	Q5T124
Gene Name	UBXN11
Gene Alias	COA-1, DKFZp686F04228, PP2243, SOC, SOCI, UBXD5
Gene Description	UBX domain protein 11
Omim ID	609151
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a protein with a divergent C-terminal UBX domain. The homologous protein in the rat interacts with members of the Rnd subfamily of Rho GTPases at the cell periphery through its C-terminal region. It also interacts with several heterotrimeric G proteins through their G-alpha subunits and promotes Rho GTPase activation. It is proposed to serve a bidirectional role in the promotion and inhibition of Rho activity through upstream signaling pathways. The 3' coding sequence of this gene contains a polymophric region of 24 nt tandem repeats. Several transcripts containing between 1.5 and five repeat units have been reported. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000003460|OTTHUMP00000003461|OTTHUMP00000003462|OTTHUMP000000 03463|UBX domain containing 5|colorectal tumor-associated antigen-1|socius

Publication Reference

- **Large-scale cDNA transfection screening for genes related to cancer development and progression.**

  Wan D, Gong Y, Qin W, Zhang P, Li J, Wei L, Zhou X, Li H, Qiu X, Zhong F, He L, Yu J, Yao G, Jiang H, Qian L, Yu Y, Shu H, Chen X, Xu H, Guo M, Pan Z, Chen Y, Ge C, Yang S, Gu J.

  PNAS 2004 Oct; 101(44):15724.

- **Complete sequencing and characterization of 21,243 full-length human cDNAs.**

  Ota T, Suzuki Y, Nishikawa T, Otsuki T, Sugiyama T, Irie R, Wakamatsu A, Hayashi K, Sato H, Nagai K, Kimura K, Makita H, Sekine M, Obayashi M, Nishi T, Shibahara T, Tanaka T, Ishii S, Yamamoto J, Saito K, Kawai Y, Isono Y, Nakamura Y, Nagahari K, Murakami K, Yasuda T, Iwayanagi T, Wagatsuma M, Shiratori A, Sudo H, Hosoiri T, Kaku Y, Kodaira H, Kondo H, Sugawara M, Takahashi M, Kanda K, Yokoi T, Furuya T, Kikkawa E, Omura Y, Abe K, Kamihara K, Katsuta N, Sato K, Tanikawa M, Yamazaki M, Ninomiya K

  Nature Genetics 2003 Dec; 36(1):40.

- **Identification of a colorectal tumor-associated antigen (COA-1) recognized by CD4(+) T lymphocytes.**

  Maccalli C, Li YF, El-Gamil M, Rosenberg SA, Robbins PF.

  Cancer Research 2003 Oct; 63(20):6735.