

## Socius Polyclonal Antibody

### Description

|                                |  |
|--------------------------------|--|
| <b>Product type</b>            | Primary Antibody   |
| <b>Code</b>                    | BT-AP08439   |
| <b>Host</b>                    | Rabbit   |
| <b>Isotype</b>                 | IgG  |
| <b>Size</b>                    | 20ul, 50ul, 100ul  |
| <b>Immunogen</b>               | The antiserum was produced against synthesized peptide derived from human UBXD5. AA range:131-180  |
| <b>Mol wt</b>                  | 57373  |
| <b>Species reactivity</b>      | Human  |
| <b>Clonality</b>               | Polyclonal   |
| <b>Recommended application</b> | WB, IHC-p, IF, ELISA   |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Full name</b>               | Socius Antibody  |
| <b>Synonyms</b>                | UBXN11; SOC; UBXD5; PP2243; UBX domain-containing protein 11; Colorectal tumor-associated antigen COA-1; Socius; UBX domain-containing protein 5 |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

UBXN11 (UBX domain protein 11) 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 UBXN11 contains a polymorphic region of 24 nt tandem repeats. Several transcripts containing between 1. and five repeat units have been reported. Multiple transcript variants encoding different isoforms have been found for UBXN11.

### Recommended Dilution

WB: 1: 500 - 1: 2000

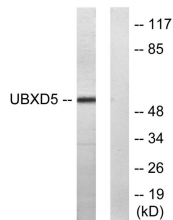
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

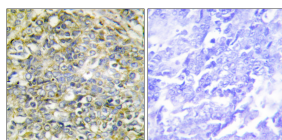
ELISA: 1: 20000

Not yet tested in other applications.

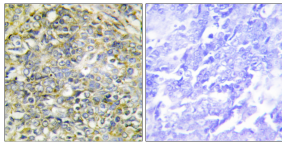
### Images



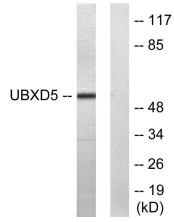
Western blot analysis of lysates from HepG2 cells, using UBXD5 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using UBXD5 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using UBXD5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using UBXD5 Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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