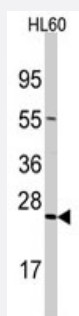


TRAPPC4 polyclonal antibody

Catalog # PAB3111

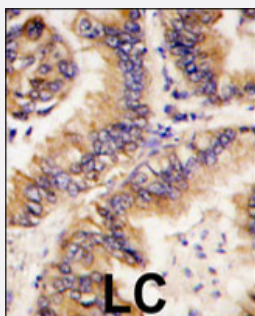
Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of TRAPPC4 polyclonal antibody (Cat # PAB3111) in HL-60 cell line lysates (35 ug/lane). TRAPPC4 (arrow) was detected using the purified polyclonal antibody.



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

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with TRAPPC4 polyclonal antibody (Cat # PAB3111), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

| | |
|----------------------------|---|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of TRAPPC4. |
| Immunogen | A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human TRAPPC4. |
| Host | Rabbit |
| Reactivity | Human |
| Form | Liquid |
| Purification | Protein A purification |

| | |
|----------------------------|---|
| Recommend Usage | Western Blot (1:1000) Immunohistochemistry (1:10-50) 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 should be handled by trained staff only. |

Applications

- Western Blot (Cell lysate)

Western blot analysis of TRAPPC4 polyclonal antibody (Cat # PAB3111) in HL-60 cell line lysates (35 ug/lane). TRAPPC4 (arrow) was detected using the purified polyclonal antibody.

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

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with TRAPPC4 polyclonal antibody (Cat # PAB3111), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Gene Info — TRAPPC4

| | |
|---------------------------|--|
| Entrez GeneID | 51399 |
| Protein Accession# | NP_057230;Q9Y296 |
| Gene Name | TRAPPC4 |
| Gene Alias | CGI-104, HSPC172, PTD009, SBDN, SYNBINDIN, TRS23 |
| Gene Description | trafficking protein particle complex 4 |
| Omim ID | 610971 |
| Gene Ontology | Hyperlink |
| Other Designations | TRS23 homolog hematopoietic stem/progenitor cell protein 172 |

Publication Reference

- [Functional organization of the yeast proteome by systematic analysis of protein complexes.](#)

Gavin AC, Bosche M, Krause R, Grandi P, Marzioch M, Bauer A, Schultz J, Rick JM, Michon AM, Cruciat CM, Remor M, Hofert C, Schelder M, Brajenovic M, Ruffner H, Merino A, Klein K, Hudak M, Dickson D, Rudi T, Gnau V, Bauch A, Bastuck S, Huhse B, Leutwein C, Heurtier MA, Copley RR, Edelmann A, Querfurth E, Rybin V, Drewes G, Raida M, Bouwmeester T, Bork P, Seraphin B, Kuster B, Neubauer G, Superti-Furga G.

Nature 2002 Jan; 415(6868):141.

- [Synbindin, A novel syndecan-2-binding protein in neuronal dendritic spines.](#)

Ethell IM, Hagihara K, Miura Y, Irie F, Yamaguchi Y.

The Journal of Cell Biology 2000 Oct; 151(1):53.

Disease

- [Genetic Predisposition to Disease](#)
- [Parkinson Disease](#)