

## Rabbit anti-Human MCPH1 Polyclonal Antibody | anti-MCPH1 antibody

MCPH1 Polyclonal Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA176318</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

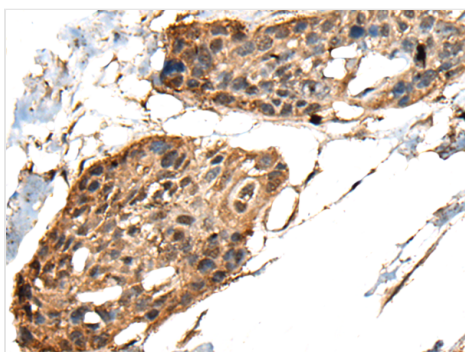
### PRODUCT SYNONYMS

MCPH1; Polyclonal Antibody; MCPH1 Polyclonal Antibody; BRCT repeat inhibitor of TERT expression 1; BRIT 1; FLJ12847; Hypothetical protein FLJ12847; MCPH 1; MCT; Microcephalin 1; Microcephalin; Microcephaly primary autosomal recessive 1; anti-MCPH1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                         |
|-------------------------------------------------|---------------------------------------------------------|
| Host                                            | Rabbit                                                  |
| Reactivity                                      | Human                                                   |
| Clonality                                       | Polyclonal                                              |
| Isotype                                         | IgG                                                     |
| Purity/Purification                             | Antigen Affinity Purification                           |
| Form/Format                                     | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                   | 0.5mg/mL (varies by lot)                                |
| Sequence Length                                 | 610                                                     |
| Applicable Applications for anti-MCPH1 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                       | Fusion protein of human MCPH1                           |
| Conjugation                                     | Unconjugated                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using MCPH1 Polyclonal Antibody at dilution of 1:40(×200



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human brain tissue using MCPH1 Polyclonal Antibody at dilution of 1:40(×200

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MCPH1 antibody | This gene encodes a DNA damage response protein. The encoded protein may play a role in G2/M checkpoint arrest via maintenance of inhibitory phosphorylation of cyclin-dependent kinase 1. Mutations in this gene have been associated with primary autosomal recessive microcephaly 1 and premature chromosome condensation syndrome. Alternatively spliced transcript variants have been described. |
| Product Categories/Family for anti-MCPH1 antibody   | Cancer; Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                          |
|----------------------------------|--------------------------|
| NCBI GI #                        | 289191316                |
| NCBI GeneID                      | 79648                    |
| NCBI Accession #                 | NP_001166045.1; BC030702 |
| NCBI GenBank Nucleotide #        | NP_001166045.1           |
| UniProt Accession #              | Q8NEM0                   |
| NCBI Official Full Name          | microcephalin isoform 2  |
| NCBI Official Synonym Full Names | microcephalin 1          |
| NCBI Official Symbol             | MCPH1                    |
| NCBI Official Synonym Symbols    | MCT; BRIT1               |
| NCBI Protein Information         | microcephalin            |
| UniProt Protein Name             | Microcephalin            |
| UniProt Gene Name                | MCPH1                    |
| UniProt Entry Name               | MCPH1_HUMAN              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mcph1-antibody-immunohistochemistry-elisa/176318>