

LETMD1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58350**Specification**

LETMD1 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q6P1Q0
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41790

LETMD1 Polyclonal Antibody - Additional Information**Gene ID** 25875**Other Names**

LETM1 domain-containing protein 1, Cervical cancer 1 proto-oncogene protein p40, Cervical cancer proto-oncogene 2 protein, HCCR-1, HCRR-2, LETMD1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

LETMD1 Polyclonal Antibody - Protein Information**Name** LETMD1 ([HGNC:24241](#))**Function**

Plays an essential role for mitochondrial structure and function, as well as thermogenesis of brown adipocytes. In brown adipose tissue also localizes in the nucleus where it interacts with the chromatin remodeler SMARCA4 to regulate thermogenic genes expression, such as UCP1 (By similarity). May regulate phagocytosis and inflammatory responses to lipopolysaccharide in macrophages (PubMed:31980577). Involved in tumorigenesis and may function as a negative regulator of the p53/TP53 (PubMed:12879013).

Cellular Location

Mitochondrion outer membrane; Single-pass membrane protein. Nucleus {ECO:0000250|UniProtKB:Q924L1}. Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q924L1}; Single-pass membrane protein

Tissue Location

Kidney, liver, skeletal muscle, heart and brain. Overexpressed in various tumors including leukemia, lymphoma, and carcinomas of the breast, kidney, ovary, stomach, colon and uterine cervix.

LETMD1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LETMD1 Polyclonal Antibody - Images