

Product datasheet for **AP52742PU-N**

MRAP (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	Flow cytometry: 1/10-1/50. Immunohistochemistry on Paraffin sections: 1/50-1/100. Western blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 14-44aa) of human MRAP.
Specificity:	This antibody recognizes MRAP at N-term.
Formulation:	PBS with 0.09% (W/V) Sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	melanocortin 2 receptor accessory protein
Database Link:	Entrez Gene 56246 Human Q8TCY5
Background:	MRAP encodes a melanocortin receptor-interacting protein. The encoded protein regulates trafficking and function of the melanocortin 2 receptor in the adrenal gland. The encoded protein can also modulate signaling of other melanocortin receptors. Mutations in this gene have been associated with familial glucocorticoid deficiency type 2.



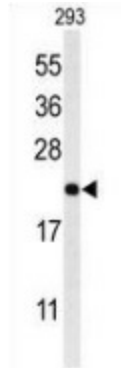
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Synonyms: Melanocortin-2 receptor accessory protein, C21orf61, FALP

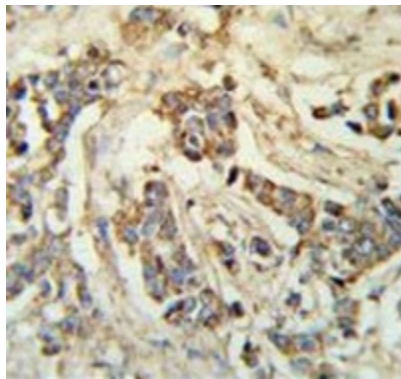
Note: **Molecular Weight:** 19136 Da

Protein Families: Transmembrane

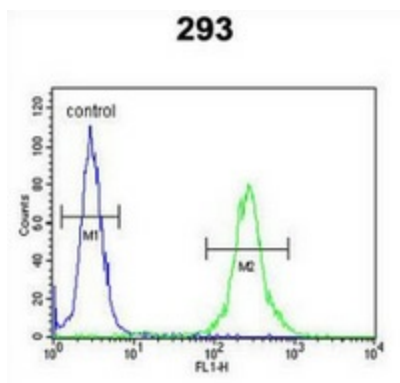
Product images:



Western blot analysis of MRAP (arrow) in 293 cell line lysates (35ug/lane) using MRAP antibody. (N-term).



Immunohistochemistry analysis in breast carcinoma (Formalin-fixed, Paraffin-embedded) using MRAP antibody. (N-term), followed by peroxidase conjugated secondary antibody and DAB staining. This data demonstrates the use of this antibody for IHC. Clinical relevance has not been evaluated.



Flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram) using MRAP antibody. (N-term), followed by FITC-conjugated goat-anti-rabbit secondary antibodies.