10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Anti-MRPL10 Antibody

Catalog # AP51362

## Product Information

| | |
|---|---|
| **Application** | WB, IHC |
| **Primary Accession** | Q7Z7H8 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 29283 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 124995 |
| **Other Names** | MRPL8; RPML8; 39S ribosomal protein L10 mitochondrial; L10mt; MRP-L10; 39S ribosomal protein L8 mitochondrial; L8mt; MRP-L8 |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MRPL10. The exact sequence is proprietary. |
| **Dilution** | WB~~ 1:1000 IHC~~1:100~500 |
| **Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

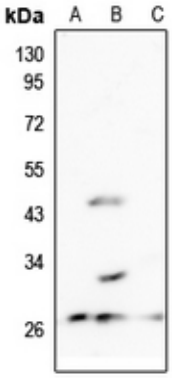
## Protein Information

| | |
|---|---|
| **Name** | MRPL10 |
| **Synonyms** | MRPL8, RPML8 |
| **Cellular Location** | Mitochondrion |

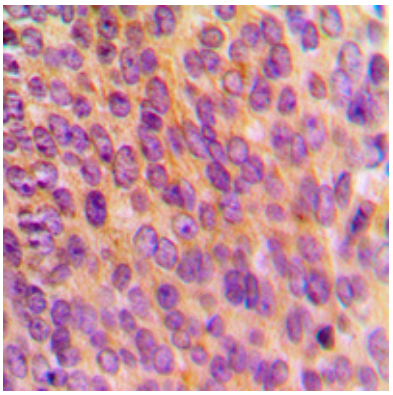
## References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Kenmochi N.,et al.Genomics 77:65-70(2001).
Koc E.C.,et al.J. Biol. Chem. 276:43958-43969(2001).

## Images




Western blot analysis of MRPL10 expression in mouse spleen (A), rat muscle (B), rat spleen (C) whole cell lysates. (Predicted band size: 29 kD; Observed band size: 29 kD)



Immunohistochemical analysis of MRPL10 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.