

**REA Antibody**  
**Rabbit mAb**  
**Catalog # AP92304**

## Specification

### REA Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	<a href="#">Q99623</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
BAP; Bap37; BCAP 37; D prohibitin; p22; Phb2; PNAS 141; Prohibitin 2;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	33296 Da

### REA Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human REA
Description	Acts as a mediator of transcriptional repression by nuclear hormone receptors via recruitment of histone deacetylases (By similarity). Functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses the activity of estrogens.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### REA Antibody - Protein Information

**Name** PHB2 {ECO:0000312|EMBL:AAH14766.1, ECO:0000312|HGNC:HGNC:30306}

#### Function

Protein with pleiotropic attributes mediated in a cell- compartment- and tissue-specific manner, which include the plasma membrane-associated cell signaling functions, mitochondrial chaperone, and transcriptional co-regulator of transcription factors and sex steroid hormones in the nucleus.

#### Cellular Location

Mitochondrion inner membrane. Cytoplasm. Nucleus. Cell membrane Note=Localizes within both nucleus and cytoplasm in proliferative primary myoblasts and mostly within the nucleus of differentiated primary myoblasts. [Isoform 2]: Mitochondrion inner membrane

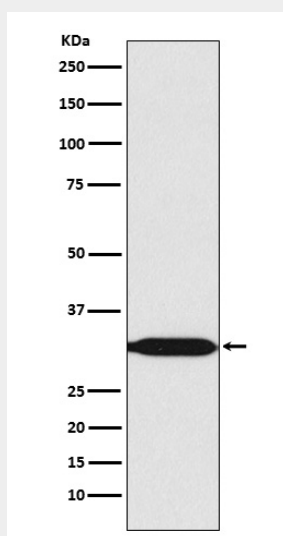
**Tissue Location**

Expressed in myoblasts.

**REA 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](#)

**REA Antibody - Images**

Western blot analysis of REA expression in HeLa cell lysate.