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## Product Information

<b>Product SKU:</b>	CAB1097	<b>Gene ID:</b>	488	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human, Mouse, Rat

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## Additional Information

<b>Observed MW:</b>	115kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	115kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	This gene encodes one of the SERCA Ca(2+)-ATPases, which are intracellular pumps located in the sarcoplasmic or endoplasmic reticula of the skeletal muscle. This enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol into the sarcoplasmic reticulum lumen, and is involved in regulation of the contraction/relaxation cycle. Mutations in this gene cause Darier-White disease, also known as keratosis follicularis, an autosomal dominant skin disorder characterized by loss of adhesion between epidermal cells and abnormal keratinization. Other types of mutations in this gene have been associated with various forms of muscular dystrophies. Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Recommended Dilution:</b>	WB, 1:2000 - 1:10000 IHC-P, 1:50 - 1:200 IF/ICC, 1:50 - 1:200
<b>Synonyms:</b>	DD; DAR; ATP2B; SERCA2; SERCA2/ATP2A2
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence within amino acids 1-80 of human SERCA2/ATP2A2 (NP_733765.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.