



## Anti-MICAL3 (aa 803-939) polyclonal antibody (DPABH-15644)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	Associated with spermatid development.
<b>Specificity</b>	DPABH-15644 is expected to react with all isoforms of MICAL-3.
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 803-939 of Human MICAL-3, isoform 2 (Q7RTP6-2).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">MICAL3 microtubule associated monooxygenase, calponin and LIM domain containing 4 [Homo sapiens]</a>
<b>Official Symbol</b>	MICAL3
<b>Synonyms</b>	MICAL3; microtubule associated monooxygenase, calponin and LIM domain containing 3; MICAL-3; protein-methionine sulfoxide oxidase MICAL3; protein MICAL-3; flavoprotein oxidoreductase MICAL3; molecule interacting with CasL protein 3;
<b>Entrez Gene ID</b>	<a href="#">57553</a>
<b>Protein Refseq</b>	<a href="#">NP_001116203.1</a>
<b>UniProt ID</b>	<a href="#">Q7RTP6</a>
<b>Function</b>	FAD binding; actin binding; actin binding; oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen

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