

Product datasheet

Anti-ORC3 antibody ab188008

1 Image

Overview

Product name	Anti-ORC3 antibody
Description	Rabbit polyclonal to ORC3
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant fragment corresponding to Human ORC3 aa 127-221. Sequence:</p> <p>NNVTPYVVSLQAKDCPDMKHFLQKLISQLMDCCVDIKSKE EESVHVTQRK THYSMDSLSSWYMTVTQKTDPKMLSKKRTTSSQWQSPP VVVILKD</p> <p>Database link: Q9UBD5</p> <p> Run BLAST with  Run BLAST with</p>
Positive control	Human stomach, lower tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab188008 in the following tested applications.

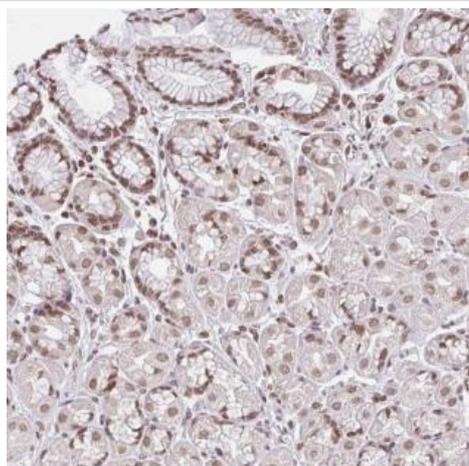
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/1000 - 1/2500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent, however specific DNA sequences that define origins of replication have not been identified so far. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication.
Sequence similarities	Belongs to the ORC3 family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR. Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

Images



Immunohistochemical analysis of paraffin-embedded Human stomach, lower tissue labeling ORC3 with ab188008 at 1/1000 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ORC3 antibody (ab188008)

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