

Product datasheet

Anti-DKK1 antibody ab61034

★★★★★ [5 Abreviews](#) [22 References](#) [1 Image](#)

Overview

Product name	Anti-DKK1 antibody
Description	Rabbit polyclonal to DKK1
Host species	Rabbit
Tested applications	Suitable for: IHC-Fr, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide (Human) from the internal domain of DKK1 conjugated to KLH
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.70 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

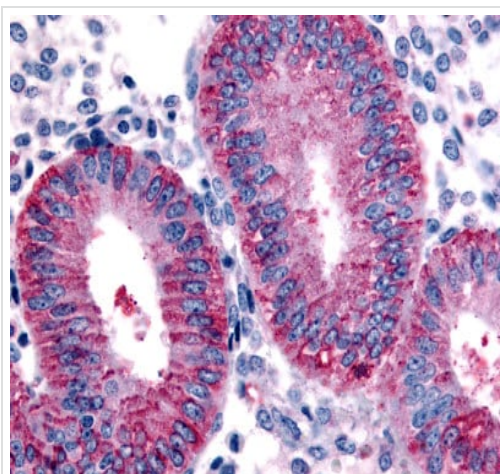
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab61034 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-Fr	★★★★★ (2)	Use at an assay dependent concentration.
IHC-P	★★★★★ (3)	Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C for 20 minutes. Remove from heat and let stand at room temperature in buffer for 20 minutes. Rinse in 1X TBS with Tween (TBST) for 1 minute at RT.

Target

Function	Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease.
Tissue specificity	Placenta.
Sequence similarities	Belongs to the dickkopf family.
Domain	The C-terminal cysteine-rich domain mediates interaction with LRP5 and LRP6.
Cellular localization	Secreted.

Images



ab61034 at 10µg/ml staining formalin fixed paraffin embedded Human Uterus (endometrium).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DKK1 antibody (ab61034)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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