


## Product datasheet

# Anti-ROR1 antibody ab111174

[2 References](#) [1 Image](#)

### Overview

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<b>Product name</b>	Anti-ROR1 antibody
<b>Description</b>	Goat polyclonal to ROR1
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide: GNKSQKPYKIDSKQA , corresponding to C terminal amino acids 903-917 of Human ROR1. <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	IHC-P: Prostate tissue.
<b>General notes</b>	<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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

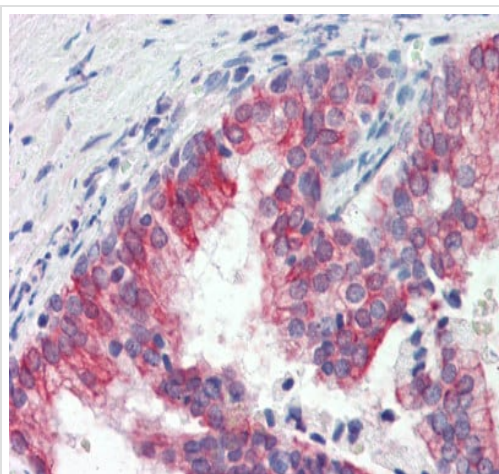
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab111174 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 3 - 6 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

<b>Function</b>	Tyrosine-protein kinase receptor whose role is not yet clear.
<b>Tissue specificity</b>	Expressed strongly in human heart, lung and kidney, but weakly in the CNS. Isoform Short is strongly expressed in fetal and adult CNS and in a variety of human cancers, including those originating from CNS or PNS neuroectoderm.
<b>Sequence similarities</b>	Belongs to the protein kinase superfamily. Tyr protein kinase family. ROR subfamily. Contains 1 FZ (frizzled) domain. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 kringle domain. Contains 1 protein kinase domain.
<b>Developmental stage</b>	Expressed at high levels during early embryonic development. The expression levels drop strongly around day 16 and there are only very low levels in adult tissues.
<b>Cellular localization</b>	Membrane.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ROR1 antibody (ab111174)

ab111174, at 3 µg/ml, staining ROR1 in formalin fixed, paraffin embedded Human prostate tissue by Immunohistochemistry, followed by biotinylated secondary antibody, alkaline phosphatase streptavidin and chromogen.

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