

## Product datasheet

# Anti-Eph receptor A3 antibody ab126261

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

### Overview

<b>Product name</b>	Anti-Eph receptor A3 antibody
<b>Description</b>	Rabbit polyclonal to Eph receptor A3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment, corresponding to a region within amino acids 38-335 of Human Eph receptor A3 (P29320).
<b>Positive control</b>	Juakar and Raji whole cell lysates; Human gastric carcinoma 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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)</p>
<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 ab126261 in the following tested applications.

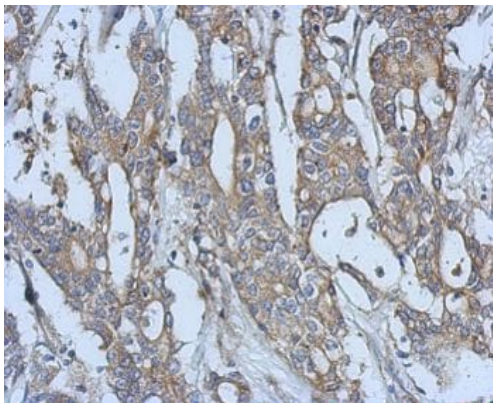
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 110 kDa.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

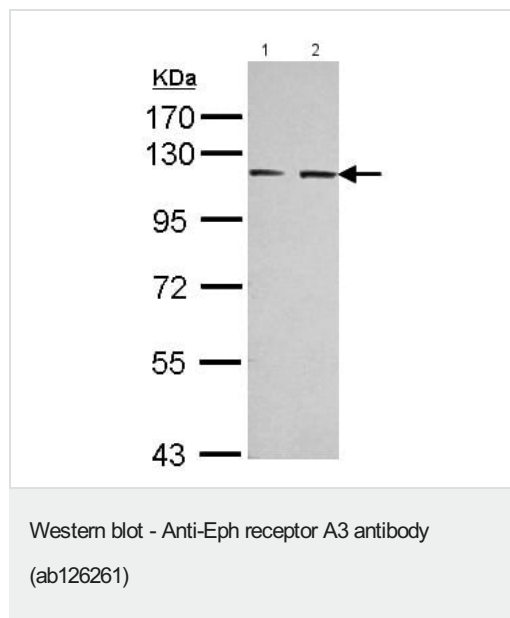
Function	Receptor for members of the ephrin-A family. Binds to ephrin-A2, -A3, -A4 and -A5. Could play a role in lymphoid function.
Tissue specificity	Widely expressed. Highest level in placenta.
Involvement in disease	Defects in EPHA3 may be a cause of colorectal cancer (CRC) [MIM:114500].
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily. Contains 2 fibronectin type-III domains. Contains 1 protein kinase domain. Contains 1 SAM (sterile alpha motif) domain.
Cellular localization	Secreted and Cell membrane.

## Images



ab126261 at 1/500 dilution staining Eph receptor A3 in paraffin embedded Human gastric carcinoma tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Eph receptor A3 antibody (ab126261)



**All lanes :** Anti-Eph receptor A3 antibody (ab126261) at 1/3000 dilution

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** Raji cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 110 kDa

7.5% SDS-PAGE

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

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