

## Product datasheet

# Anti-ELMO2 antibody ab113976

[2 Images](#)

### Overview

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<b>Product name</b>	Anti-ELMO2 antibody
<b>Description</b>	Goat polyclonal to ELMO2
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Cow
<b>Immunogen</b>	Synthetic peptide:C- PKEPSSYDFVYHYG (with a Cysteine residue linker), corresponding to C terminal amino acids 707-720 of Human ELMO2  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human brain lysate Human prostate tissue

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab113976** in the following tested applications.

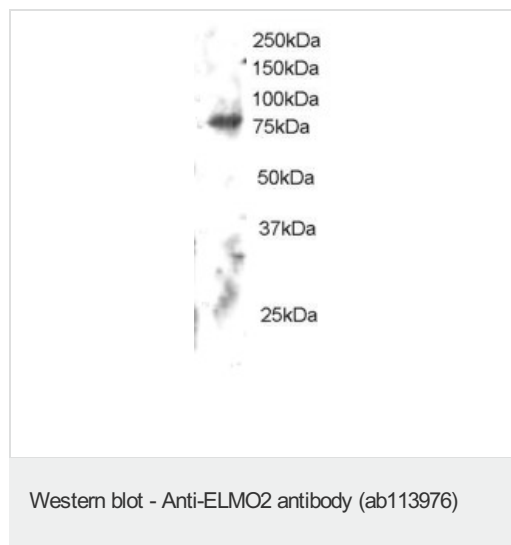
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 83 kDa.
IHC-P		Use a concentration of 3.75 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

<b>Function</b>	Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in association with DOCK1 and CRK. Was initially proposed to be required in complex with DOCK1 to activate Rac Rho small GTPases. May enhance the guanine nucleotide exchange factor (GEF) activity of DOCK1.
<b>Tissue specificity</b>	Widely expressed, with a higher expression in skeletal muscle, kidney and placenta.
<b>Sequence similarities</b>	Contains 1 ELMO domain. Contains 1 PH domain.
<b>Cellular localization</b>	Cytoplasm. Cytoplasm > cytosol. Membrane.

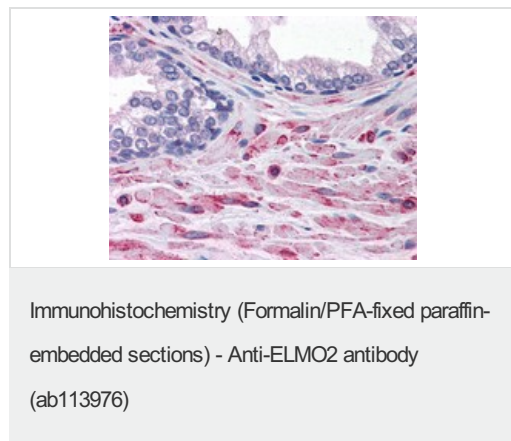
## Images



Anti-ELMO2 antibody (ab113976) at 2 µg/ml + Human brain lysate in RIPA buffer at 30 µg

**Predicted band size:** 83 kDa

ab113976 incubated for 12 hour. Detected using chemiluminescence.



ab113976, at 3.75 µg/ml, staining ELMO2 in formalin fixed paraffin embedded Human prostate by Immunohistochemistry.

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