

Product datasheet

Anti-HES2 antibody ab57396

1 Image

Overview

<b>Product name</b>	Anti-HES2 antibody
<b>Description</b>	Mouse monoclonal to HES2
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein: 0 , corresponding to amino acids 41-114 of Human HES2 <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab57396** in the following tested applications.

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

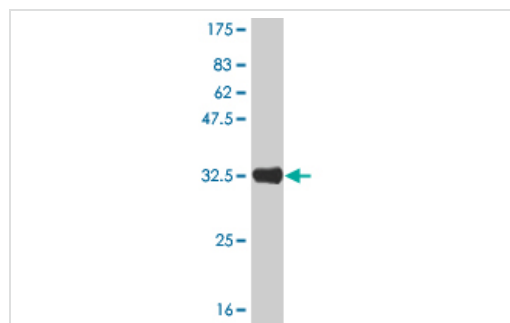
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

## Target

<b>Function</b>	Transcriptional repressor of genes that require a bHLH protein for their transcription.
<b>Tissue specificity</b>	Expressed in placenta, pancreatic cancer, colon cancer with RER, cervical cancer, and in head and neck tumors.
<b>Sequence similarities</b>	Contains 1 bHLH (basic helix-loop-helix) domain. Contains 1 Orange domain.
<b>Domain</b>	Has a particular type of basic domain (presence of a helix-interrupting proline) that binds to the N-box (CACNAG), rather than the canonical E-box (CANNTG). The C-terminal WRPW motif is a transcriptional repression domain necessary for the interaction with Groucho/TLE family members, transcriptional corepressors recruited to specific target DNA by Hairy-related proteins.
<b>Cellular localization</b>	Nucleus.

## Images



Western blot - Anti-HES2 antibody (ab57396)

Western blot against tagged recombinant protein immunogen using ab57396 HES2 antibody at 1ug/ml. Predicted band size of immunogen is 34 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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