

## Product datasheet

# Anti-ARA9 antibody - Carboxyterminal end ab62813

1 Image

### Overview

<b>Product name</b>	Anti-ARA9 antibody - Carboxyterminal end
<b>Description</b>	Goat polyclonal to ARA9 - Carboxyterminal end
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse <b>Predicted to work with:</b> Rat, Horse, Cow, Human
<b>Immunogen</b>	Synthetic peptide: C-EARIRQKDEEDKAR , corresponding to C terminal amino acids 310-323 of Human ARA9  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	NIH 3T3 cell lysates.

### 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: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab62813 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

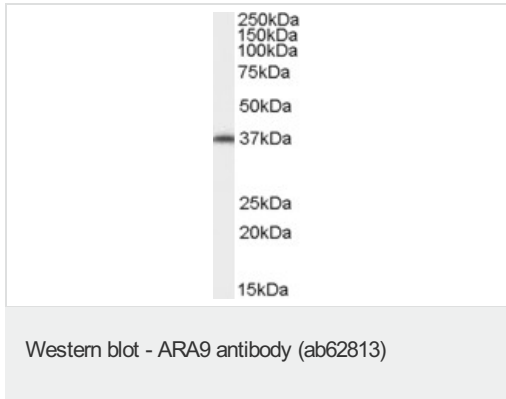
### Applications

Our [Abpromise guarantee](#) covers the use of **ab62813** 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		
ELISA		
<b>Application notes</b>	<p>Peptide ELISA: 1/64000.</p> <p>WB: Use at a concentration of 0.02 - 0.06 µg/ml. Detects a band of approximately 37 kDa (predicted molecular weight: 40 kDa).</p> <p>Not yet tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>	
<b>Target</b>		
<b>Function</b>	<p>May play a positive role in AHR-mediated (aromatic hydrocarbon receptor) signaling, possibly by influencing its receptivity for ligand and/or its nuclear targeting.</p> <p>Cellular negative regulator of the hepatitis B virus (HBV) X protein.</p>	
<b>Tissue specificity</b>	<p>Widely expressed. Higher levels seen in the heart, placenta and skeletal muscle. Not expressed in the liver.</p>	
<b>Involvement in disease</b>	<p>Defects in AIP are a cause of familial isolated pituitary adenoma (FIPA) [MIM:102200].</p> <p>Defects in AIP are a cause of growth hormone-secreting pituitary adenoma (GHSPA) [MIM:102200]; also known as familial isolated somatotropinomas (FIS) or isolated familial somatotropinoma (IFS) or familial somatotrophinoma or acromegaly due to pituitary adenoma.</p> <p>Defects in AIP are a cause of ACTH-secreting pituitary adenoma (ASPA) [MIM:219090]; also known as pituitary Cushing disease. A pituitary adenoma resulting in excessive production of adrenocorticotrophic hormone. This leads to hypersecretion of cortisol by the adrenal glands and ACTH-dependent Cushing syndrome. Clinical manifestations of Cushing syndrome include facial and trunkal obesity, abdominal striae, muscular weakness, osteoporosis, arterial hypertension, diabetes.</p> <p>Defects in AIP are a cause of prolactin-secreting pituitary adenoma (PSPA) [MIM:600634]; also known as prolactinoma. Prolactin-secreting pituitary adenoma is the most common type of hormonally active pituitary adenoma.</p>	
<b>Sequence similarities</b>	<p>Contains 1 PPlase FKBP-type domain.</p> <p>Contains 2 TPR repeats.</p>	
<b>Cellular localization</b>	<p>Cytoplasm.</p>	

## Images



Anti-ARA9 antibody - Carboxyterminal end  
(ab62813) at 0.02 µg/ml + NIH 3T3 cell lysate  
(in RIPA buffer) at 35 µg

**Predicted band size:** 40 kDa

**Observed band size:** 37 kDa

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

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