

Product datasheet

Anti-ARA9 antibody - Carboxyterminal end ab62813

1 Image

Overview

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

Properties

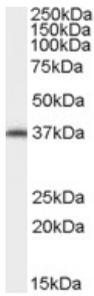
| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3 |
| Purity | Immunogen affinity purified |
| Purification notes | ab62813 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Clonality | Polyclonal |
| Isotype | 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 | | |
| Application notes | <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> | |
| Target | | |
| Function | <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> | |
| Tissue specificity | <p>Widely expressed. Higher levels seen in the heart, placenta and skeletal muscle. Not expressed in the liver.</p> | |
| Involvement in disease | <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> | |
| Sequence similarities | <p>Contains 1 PPlase FKBP-type domain.</p> <p>Contains 2 TPR repeats.</p> | |
| Cellular localization | <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

[why is the actual band size different from the predicted?](#)

Western blot - Anti-ARA9 antibody -
Carboxyterminal end (ab62813)

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