Product datasheet

Anti-Sodium Iodide Symporter antibody ab83816

Overview

Product name
Anti-Sodium Iodide Symporter antibody

Description
Rabbit polyclonal to Sodium Iodide Symporter

Host species
Rabbit

Tested applications
Suitable for: WB, ICC/IF, IHC-Fr, IHC-P

Species reactivity
Reacts with: Human

Immunogen
Synthetic peptide corresponding to a region within internal sequence amino acids 468 - 517 (PSEQTMRVLP SSAARCVALS VNASGLLDPA LLPANDSSRA PSSGMDASRP) of Human Sodium Iodide Symporter (NP_000444)

Positive control
293T cell lysate

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: 0.09% Sodium azide
Constituents: 2% Sucrose, PBS

Purity
Immunogen affinity purified

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab83816 in the following tested applications.

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

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 1 µg/ml. Predicted molecular weight: 69 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.</td>
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</tbody>
</table>
### Function
Mediates iodide uptake in the thyroid gland.

### Tissue specificity
Expression is primarily in thyroid tissue, but also to a lower extent in mammary gland and ovary. Expression is reduced in tumors.

### Involvement in disease
Thyroid dyshormonogenesis 1

### Sequence similarities
Belongs to the sodium:solute symporter (SSF) (TC 2.A.21) family.

### Cellular localization
Membrane.

### Images

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<td>ICC/IF</td>
<td>Use at an assay dependent concentration. PubMed: 22719903</td>
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<tr>
<td>IHC-Fr</td>
<td>Use at an assay dependent concentration. PubMed: 22719903</td>
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<tr>
<td>IHC-P</td>
<td>Use at an assay dependent concentration. PubMed: 22719903</td>
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</tbody>
</table>

**Western blot - Anti-Sodium Iodide Symporter antibody (ab83816)**

- **Predicted band size:** 69 kDa
- **Observed band size:** 69 kDa

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

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