



[Go to Product page](#)

## Datasheet for ABIN7115814 **anti-LRRC8D antibody**

### Overview

Quantity:	100 µg
Target:	LRRC8D
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRRC8D antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Immunogen:	leucine rich repeat containing 8 family, member D
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	LRRC8D
Alternative Name:	LRRC8D ( <a href="#">LRRC8D Products</a> )
Background:	Synonyms:LRRC5 Background:Non-essential component of the volume-regulated anion channel(VRAC, also named VSOAC channel), an anion channel required to maintain a constant cell volume in response to extracellular or intracellular osmotic changes. The VRAC channel conducts iodide better than chloride and may also conduct organic osmolytes like taurine.

## Target Details

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Channel activity requires LRRC8A plus at least one other family member(LRRC8B, LRRC8C, LRRC8D or LRRC8E), channel characteristics depend on the precise subunit composition(PubMed:24790029, PubMed:26824658). LRRC8A and LRRC8D are required for the uptake of the drug cisplatin(PubMed:26530471). Mediates the import of the antibiotic blasticidin-S into the cell(PubMed:24782309).

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Molecular Weight: 98-120 kDa

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Gene ID: 55144

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UniProt: [Q7L1W4](#)

## Application Details

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Application Notes: WB: 1:500-1:2000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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Expiry Date: 12 months