

Datasheet for ABIN6992155
anti-LRRC8A antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	LRRC8A
Binding Specificity:	AA 60-110, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRRC8A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	LRRC8A antibody was raised against a 15 amino acid peptide near the amino terminus of human LRRC8A. The immunogen is located within amino acids 60 - 110 of LRRC8A.
Isotype:	IgG
Specificity:	LRRC8A antibody is human, mouse and rat reactive.
Purification:	LRRC8A antibody is affinity chromatography purified via peptide column.

Target Details

Target:	LRRC8A
Alternative Name:	LRRC8A (LRRC8A Products)
Background:	The leucine rich repeat containing 8 family member A protein (LRRC8A) belongs the LRRC8

Target Details

family of proteins within the LRR superfamily of proteins, which are involved in diverse biological processes, including cell adhesion, cellular trafficking, and hormone-receptor interactions (1,2). LRRC8A is a four-pass transmembrane protein that plays a role in B cell development. Defects in this gene cause autosomal dominant non-Bruton type agammaglobulinemia, an immunodeficiency disease resulting from defects in B cell maturation (1). LRRC8A has also been shown to be an essential component of the volume-regulated anion channel VRAC (3).

Molecular Weight: Predicted: 89 kDa
Observed: 95 kDa

Gene ID: 56262

NCBI Accession: [NP_062540](#)

UniProt: [Q8IWT6](#)

Application Details

Application Notes: LRRC8A antibody can be used for detection of LRRC8A by Western blot at 1 - 2 µg/mL.
Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL.

Antibody validated: Western Blot in mouse samples and Immunohistochemistry in rat samples.
All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: LRRC8A antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

Storage: -20 °C, 4 °C

Storage Comment: LRRC8A antibody can be stored at 4°C for three months and -20°C, stable for up to one year.