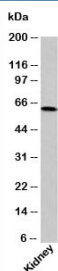


OTUD5 Antibody / DUBA (N1110)

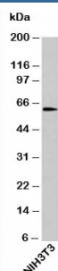
Catalog No.	Formulation	Size
N1110-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
N1110-25UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	25 ug

[Bulk quote request](#)

Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	55593
Applications	Western Blot : 2-5ug/ml
Limitations	This OTUD5 antibody is available for research use only.



Western blot testing of human samples with OTUD5 antibody at 2ug/ml.



Western blot testing of mouse samples with OTUD5 antibody at 4ug/ml.

Description

OTUD5 (ovarian tumor domain-containing 5), also called DUBA (Deubiquitinating enzyme A), is a product of the OTUD5 gene, and a suppressor of the innate immune response via its deubiquitinating activity. The Innate immune systems provide immediate but short-lived defense against infection identified by PRRs, or pattern recognition receptors. OTUD5 cleaves the lysine-63-linked polyubiquitin chains of TRAF3, causing it to dissociate from TBK1, thereby failing to stimulate IFN type 1 production and leading to a suppressed innate immune response.

Application Notes

Provided assay concentrations are suggestions only, antibody titration may be required for optimal results.

Immunogen

A recombinant protein fragment from the C-terminal region of human OTUD5 was used as the immunogen for this antibody.

Storage

Aliquot the antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

DUBA, Deubiquitinating enzyme A, OTU domain containing protein 5