

Datasheet for ABIN5540644
anti-RanBP3 antibody (AA 235-445)



[Go to Product page](#)

Overview

Quantity:	0.1 mL
Target:	RanBP3 (RANBP3)
Binding Specificity:	AA 235-445
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RanBP3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human RANBP3 (235-445aa) purified from E. coli.
Clone:	AT12E11
Isotype:	IgG1
Specificity:	Recognizes Human RANBP3. Other species not tested.
Purification:	Protein-A affinity chromatography

Target Details

Target:	RanBP3 (RANBP3)
Alternative Name:	ranbp3 (RANBP3 Products)
Background:	The GTPase Ran is a small protein that belongs to the RAS protein superfamily and is found

Target Details

associated with the nuclear membrane. Ran GTPase is essential for mRNA processing, nuclear transport, cell cycle control, mitotic spindle assembly, and postmitotic nuclear re-assembly and nuclear architecture maintenance. Ran binding proteins (RanBPs) belong to a family of proteins that bind Ran GTPase and help to stimulate its GTPase activity. Members of the RanBP family show weak similarity to importin beta, a protein involved in the transport of proteins to the nuclear membrane. Recently it has been shown that RanBP3 function is regulated by the Ras/ERK/RSK and PI3K/Akt signaling pathway. This finding has provided a link between nuclear transport, cell signaling, and cell fate.

UniProt: [Q9H6Z4](#)

Application Details

Application Notes: The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:500.

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4 containing 0.02 % Sodium Azide and 10 % Glycerol
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:	4 °C, -20 °C
Storage Comment:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months