

Datasheet for ABIN952763
anti-HMGN3 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	HMGN3
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGN3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human HMGN3 / TRIP7
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human HMGN3 / TRIP7 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HMGN3
Alternative Name:	HMGN3 / TRIP7 (HMGN3 Products)
Background:	Thyroid hormone receptors are hormone-dependent transcription factors that regulate

Target Details

expression of a variety of specific target genes. The protein encoded by this gene binds thyroid hormone receptor beta, but only in the presence of thyroid hormone. The encoded protein, a member of the HMGN protein family, is thought to reduce the compactness of the chromatin fiber in nucleosomes, thereby enhancing transcription from chromatin templates. Two transcript variants encoding different isoforms have been found for this gene. Synonyms: High mobility group nucleosome-binding domain-containing protein 3, PNAS-24, TR-interacting protein 7, Thyroid receptor-interacting protein 7

Molecular Weight: 10666 Da

Gene ID: 9324

NCBI Accession: [NP_001188291](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

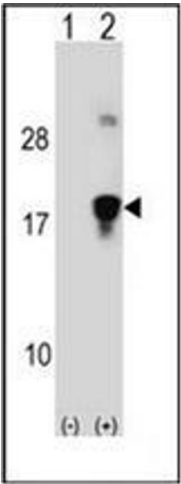
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

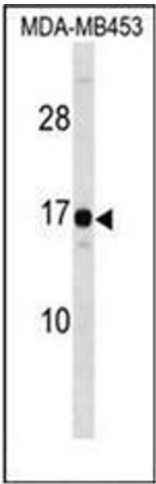
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of HMGN3 (arrow) using HMGN3 / TRIP7 Antibody (N-term) Cat.-No AP52062PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HMGN3 gene.



Western Blotting

Image 2. Western blot analysis of HMGN3 / TRIP7 Antibody (N-term) in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the HMGN3 antibody detected the HMGN3 protein (arrow).