



[Go to Product page](#)

Datasheet for ABIN2790418

anti-Keratin 85 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	Keratin 85 (KRT85)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Horse, Pig, Rabbit, Cow, Dog, Rat, Sheep, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Keratin 85 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human KRT85
Sequence:	CGSPPCITT VSVNESLLTP LNLEIDPNAQ CVKQEEKEQI KSLNSRFAAF
Predicted Reactivity:	Cow: 92%, Dog: 86%, Guinea Pig: 86%, Horse: 92%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 86%, Rat: 86%, Sheep: 92%
Characteristics:	This is a rabbit polyclonal antibody against KRT85. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Keratin 85 (KRT85)
Alternative Name:	KRT85 (KRT85 Products)

Target Details

Background: The protein encoded by this gene is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5.

Alias Symbols: HB5, Hb-5, KRTHB5, hHb5

Protein Interaction Partner: UBC, GRB2, EPS15, CUL3, CUL4B, ATG10, ATG3, MLST8, OTUD4, USPL1, USP15, USP8, ALOX12, LYAR, PLEKHB2, TWF2, YWHAG, DLG3, CDC25B, CDC20,

Protein Size: 507

Molecular Weight: 56 kDa

Gene ID: 3891

NCBI Accession: [NM_002283](#), [NP_002274](#)

UniProt: [P78386](#)

Application Details

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

Comment: Antigen size: 507 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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 freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-KRT85 Antibody Titration: 1.0 ug/ml Positive Control: OVCAR-3 Whole Cell KRT85 is supported by BioGPS gene expression data to be expressed in OVCAR3