

Datasheet for ABIN953034
anti-KRT80 antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	KRT80
Binding Specificity:	AA 417-436, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KRT80 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 417-436 amino acids from the C-terminal region of human KRT80
Isotype:	Ig Fraction
Specificity:	This antibody reacts to KRT80.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	KRT80
Alternative Name:	Keratin-80 (KRT80) (KRT80 Products)

Target Details

Background: Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This gene's expression profile shows that it encodes a type II epithelial keratin, although structurally the encoded protein is more like a type II hair keratin. This protein is involved in cell differentiation, localizing near desmosomal plaques in earlier stages of differentiation but then dispersing throughout the cytoplasm in terminally differentiating cells. The type II keratins are clustered in a region of chromosome 12q13. Two transcript variants encoding two different fully functional isoforms have been found for this gene. **Synonyms:** Cytokeratin-80, KB20, Keratin 80, Keratin type II cytoskeletal 80, Type II keratin-20

Molecular Weight: 50525 Da

Gene ID: 144501

NCBI Accession: [NP_001074961](#)

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: PBS, 0.09 % (W/V) sodium azide

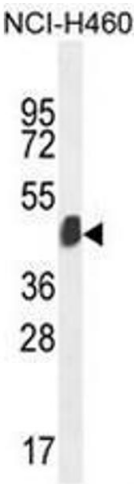
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

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



Western Blotting

Image 1. KRT80 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35µg/lane). This demonstrates the KRT80 antibody detected the KRT80 protein (arrow).