

Datasheet for ABIN544244
anti-NEK4 antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	NEK4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK4 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of NEK4.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human NEK4.
Cross-Reactivity:	Human, Mouse

Target Details

Target:	NEK4
Alternative Name:	NEK4 (NEK4 Products)
Gene ID:	6787

Application Details

Application Notes: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.09 % sodium azide)

Preservative: Sodium azide

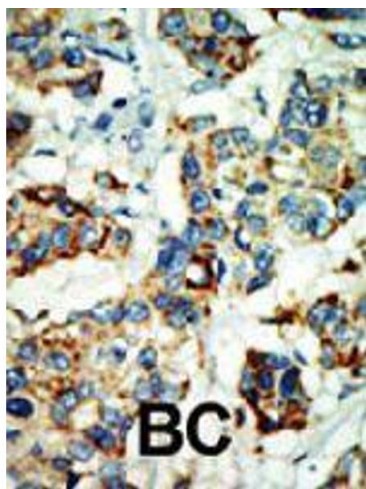
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

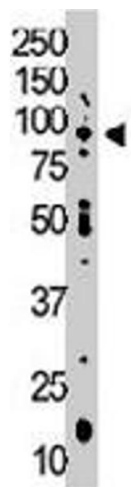
Publications

Product cited in: Coene, Mans, Boldt, Gloeckner, van Reeuwijk, Bolat, Roosing, Letteboer, Peters, Cremers, Ueffing, Roepman: "The ciliopathy-associated protein homologs RPGRIP1 and RPGRIP1L are linked to cilium integrity through interaction with Nek4 serine/threonine kinase." in: **Human molecular genetics**, Vol. 20, Issue 18, pp. 3592-605, (2011) ([PubMed](#)).



Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with NEK4 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.



Western Blotting

Image 2. Western blot analysis of NEK4 polyclonal antibody in mouse brain tissue lysate. NEK4 (Arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.