

Datasheet for ABIN6139706  
**anti-DNAJB14 antibody (AA 1-120)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	DNAJB14
Binding Specificity:	AA 1-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJB14 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human DNAJB14 (NP_001026893.1).
Sequence:	MEG NRDEAEK C VEIAREALN AGNREKAQRF LQKAEKLYPL PSARALLEII MKNGSTAGNS PHCRKPSGSG DQSKPNCTKD STSGSGEGGK GYTKDQVDGV LSINKCKNYY EVLGVTKDAG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

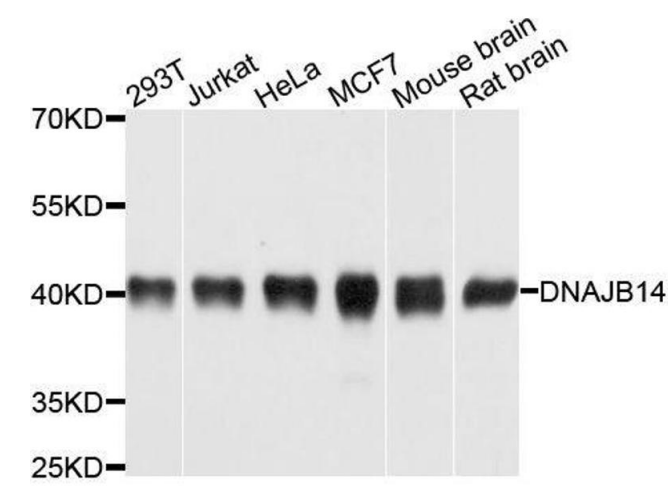
Target:	DNAJB14
Alternative Name:	DNAJB14 ( <a href="#">DNAJB14 Products</a> )
Background:	Acts as a co-chaperone with HSPA8/Hsc70, required to promote protein folding and trafficking, prevent aggregation of client proteins, and promote unfolded proteins to endoplasmic reticulum-associated degradation (ERAD pathway. Acts by determining HSPA8/Hsc70's ATPase and polypeptide-binding activities. Can also act independently of HSPA8/Hsc70: together with DNAJB12, acts as a chaperone that promotes maturation of potassium channels KCND2 and KCNH2 by stabilizing nascent channel subunits and assembling them into tetramers. While stabilization of nascent channel proteins is dependent on HSPA8/Hsc70, the process of oligomerization of channel subunits is independent of HSPA8/Hsc70. When overexpressed, forms membranous structures together with DNAJB12 and HSPA8/Hsc70 within the nucleus, the role of these structures, named DJANGOs, is still unclear.,DNAJB14,EGNR9427,PRO34683,Epigenetics & Nuclear Signaling,Signal Transduction,DNAJB14
Molecular Weight:	33 kDa/42 kDa
Gene ID:	79982
UniProt:	<a href="#">Q8TBM8</a>

## Application Details

Application Notes:	WB,1:1000 - 1:4000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using DNAJB14 antibody.