

Product datasheet

Anti-ID3 antibody ab123054

1 Image

Overview

Product name	Anti-ID3 antibody
Description	Rabbit polyclonal to ID3
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Rat Predicted to work with: Mouse, Sheep, Rabbit, Horse, Guinea pig, Cow, Cat, Dog, Human, Pig
Immunogen	Synthetic peptide corresponding to a region within internal sequence amino acids 58-107 (VPRGTQLSQV EILQRVIDYI LDLQVVLAEP APGPPDGPHL PIQTAE LTPE) of Rat ID3 (NP_037190). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Rat liver lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Constituents: 97% PBS, 2% Sucrose
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab123054** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

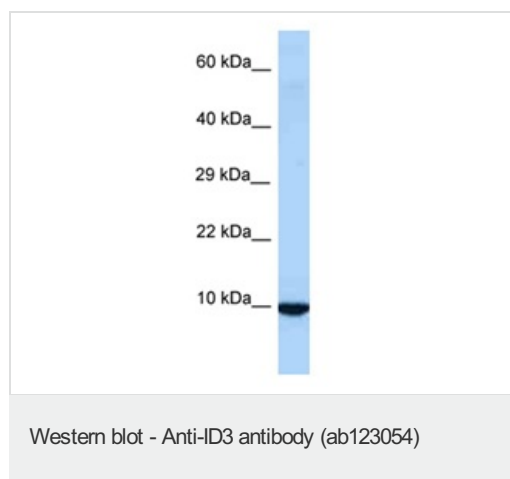
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 13 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding. ID-3 inhibits the binding of E2A-containing protein complexes to muscle creatine kinase E-box enhancer. May inhibit other transcription factors.
Tissue specificity	Expressed abundantly in lung, kidney and adrenal gland, but not in adult brain.
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain.
Cellular localization	Nucleus.

Images



Anti-ID3 antibody (ab123054) at 1 µg/ml + Rat liver lysate at 10 µg

Predicted band size: 13 kDa

Gel concentration: 10-20%

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