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Datasheet for ABIN739370

anti-RUNX3 antibody

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	RUNX3
Reactivity:	Human, Mouse, Rat, Cow, Chicken, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUNX3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Runx3
Isotype:	IgG
Cross-Reactivity:	Chicken, Cow, Dog, Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	RUNX3
Alternative Name:	Runx3 (RUNX3 Products)
Background:	Synonyms: RUNX 3, RUNX-3, Runt-related transcription factor 3, Core-binding factor, alpha 3 subunit, CBF-alpha 3, Acute myeloid leukemia 2 protein, OncogeneAML-2, Polyomavirus enhancer-binding protein 2 alpha C subunit, PEBP2-alpha C, PEA2-alpha C, SL3-3 enhancer

Target Details

factor 1 alpha C subunit, SL3/AKV core-binding factor alpha C subunit, Core-binding factor, alpha 3 subunit, CBF-alpha 3, Acute myeloid leukemia 2 protein, Oncogene AML-2, Polyomavirus enhancer-binding protein 2 alpha C subunit, PEBP2-alpha C, PEA2-alpha C, SL3-3 enhancer factor 1 alpha C subunit, RUNX3_HUMAN, SL3/AKV core-binding factor alpha C subunit.

Background: RUNX3 binds to the core site of murine Leukemia virus, the core sequences in the enhancer of the polyomavirus, and also to the enhancers of the T-cell receptor genes. May be involved in the control of cellular proliferation and/or differentiation (By similarity). Heterodimer of an alpha and a beta subunit. The alpha subunit binds DNA as a monomer and through the Runt domain. DNA-binding is increased by heterodimerization. Interacts with TLE1 and SUV39H1, Subcellular location in Nucleus.

Molecular Weight: 44kDa

Gene ID: 864

Application Details

Application Notes: WB(1:100-500)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 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: -20 °C

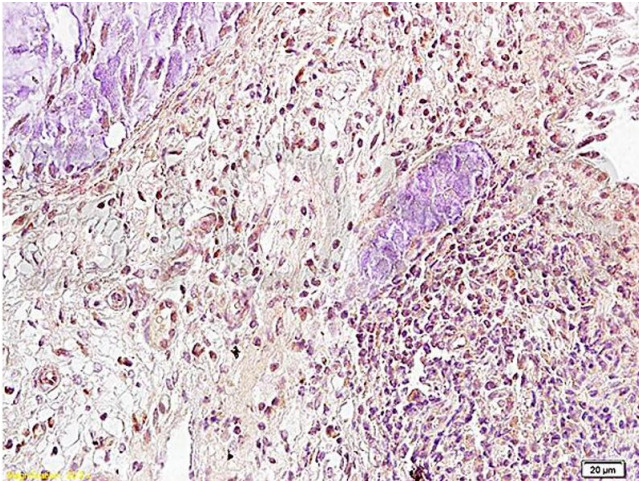
Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months

Publications

Product cited in: He, Ge, Zhu, Chen, Tan, Li, Gu: "Expression of RUNX3 in salivary adenoid cystic carcinoma: implications for tumor progression and prognosis." in: **Cancer science**, Vol. 99, Issue 7, pp. 1334-40, (2008) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded: human cervical carcinoma labeled with Anti-Runx3 Polyclonal Antibody (ABIN739370), Unconjugated at 1:300, followed by conjugation to the secondary antibody and DAB staining