




Product datasheet

Anti-Transketolase antibody ab233179

9 Images

Overview

Product name	Anti-Transketolase antibody
Description	Rabbit polyclonal to Transketolase
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Chimpanzee, Cynomolgus monkey, Orangutan 
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Human Transketolase aa 1-294. Expressed in E.coli. N-terminal tags. Sequence: MESYHKPDQQKLQALKDTANRLRISSIQATTAAGSGHP TSCCSAAEIMAV LFFHTMRYKSQDPRNPHNDRFVLSKGHAAPILYAVWA EAGFLAEAELLNL RKISSDLDGHPVVPKQAFDVTGSLGQGLGAACGMAY TGKYFDKASYRVY CLLDGELSEGSVWEAMAFASYKLDNLVAILDINRLG QSDPAPLQHQMMD YQKRCEAFGWHAIMDGHVSVEELCKAFGQAKHQPTAI AKTFKGRGITG VEDKESWHGKPLPKNMAEQIQEYSQIQSKKKILATPP QEDAP Database link: P29401  Run BLAST with  Run BLAST with
Positive control	IHC-P: Human breast cancer, glioma, cerebrum, liver cancer, lung cancer, kidney and thyroid tissues. WB: A549 cell lysate; Recombinant human Transketolase protein.

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. Avoid freeze / thaw cycle.

Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Protein A purified
Purification notes	ab233179 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab233179** in the following tested applications.

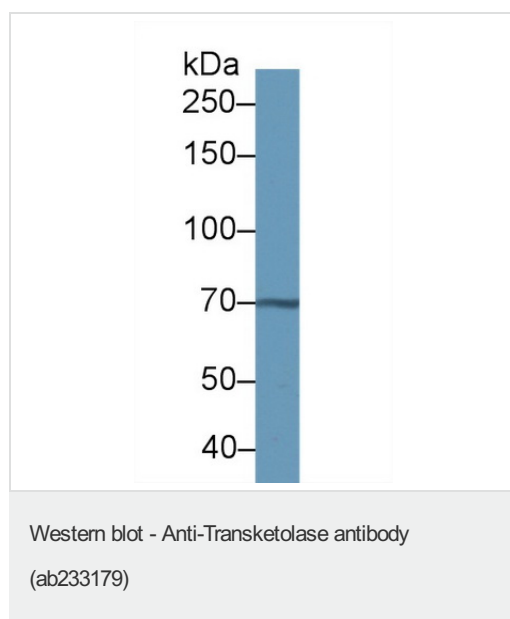
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 68 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

Sequence similarities Belongs to the transketolase family.

Images

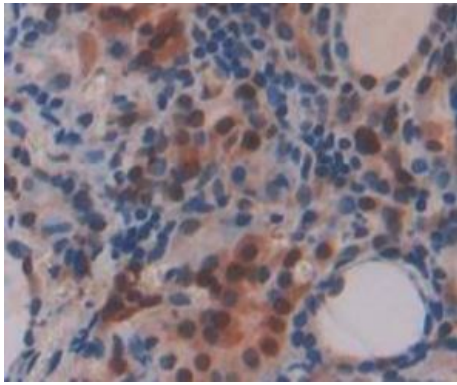


Anti-Transketolase antibody (ab233179) at 1 µg/ml + A549 (human lung carcinoma cell line) cell lysate

Secondary

HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 0.2 µg/ml

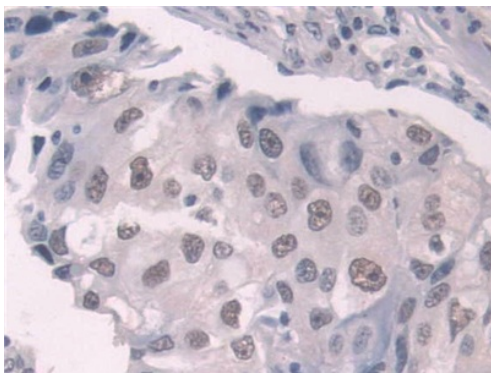
Predicted band size: 68 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody (ab233179)

Formalin-fixed, paraffin-embedded human thyroid tissue stained for Transketolase using ab233179 at 10 $\mu\text{g/ml}$ in immunohistochemical analysis.

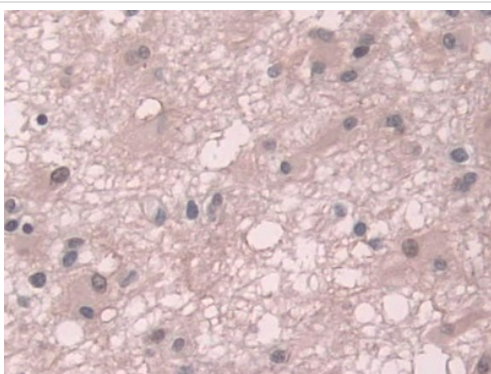
Secondary used: HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 2 $\mu\text{g/ml}$. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody (ab233179)

Formalin-fixed, paraffin-embedded human breast cancer tissue stained for Transketolase using ab233179 at 10 $\mu\text{g/ml}$ in immunohistochemical analysis.

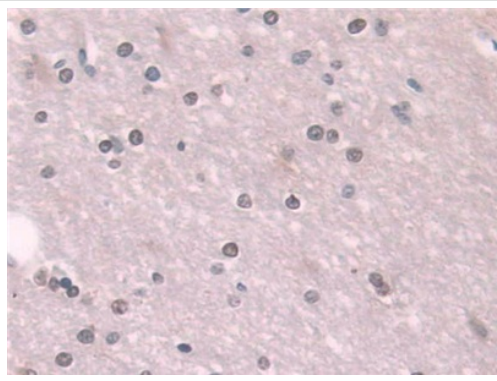
Secondary used: HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 2 $\mu\text{g/ml}$. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody (ab233179)

Formalin-fixed, paraffin-embedded human glioma tissue stained for Transketolase using ab233179 at 10 $\mu\text{g/ml}$ in immunohistochemical analysis.

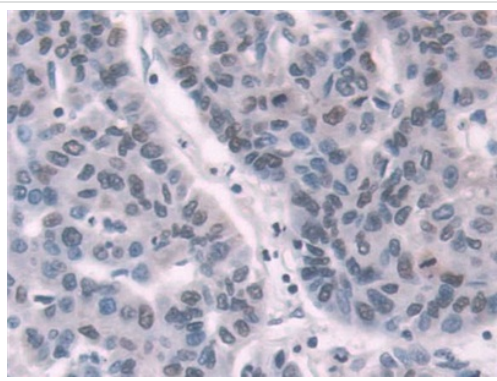
Secondary used: HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 2 $\mu\text{g/ml}$. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody (ab233179)

Formalin-fixed, paraffin-embedded human cerebrum tissue stained for Transketolase using ab233179 at 10 µg/ml in immunohistochemical analysis.

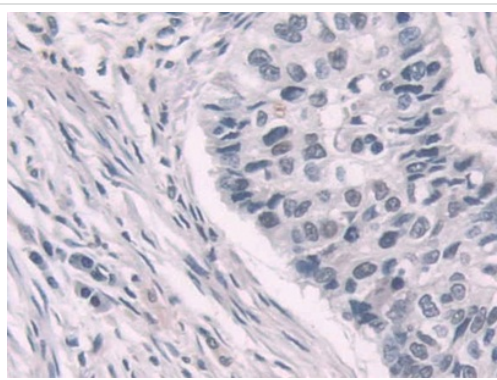
Secondary used: HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 2 µg/ml. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody (ab233179)

Formalin-fixed, paraffin-embedded human liver cancer tissue stained for Transketolase using ab233179 at 10 µg/ml in immunohistochemical analysis.

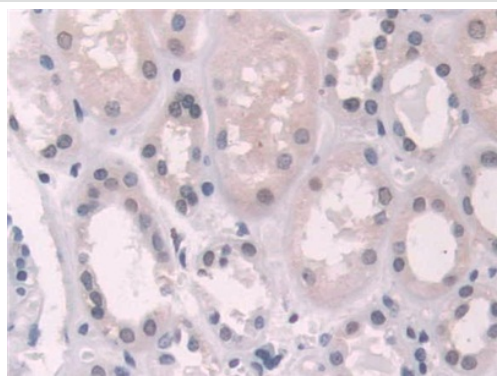
Secondary used: HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 2 µg/ml. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody (ab233179)

Formalin-fixed, paraffin-embedded human lung cancer tissue stained for Transketolase using ab233179 at 10 µg/ml in immunohistochemical analysis.

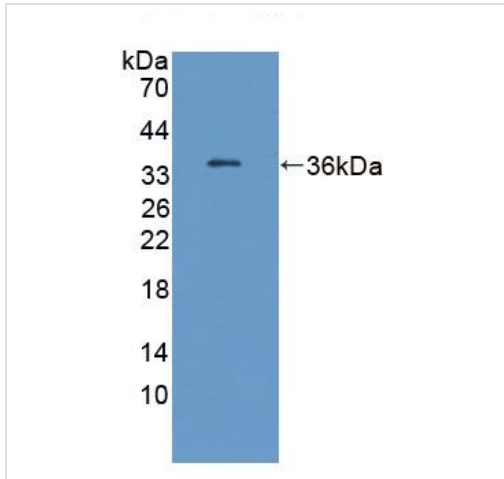
Secondary used: HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 2 µg/ml. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody (ab233179)

Formalin-fixed, paraffin-embedded human kidney tissue stained for Transketolase using ab233179 at 10 µg/ml in immunohistochemical analysis.

Secondary used: HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 2 µg/ml. DAB staining.



Western blot - Anti-Transketolase antibody (ab233179)

Anti-Transketolase antibody (ab233179) at 2 µg/ml + Recombinant human Transketolase protein

Predicted band size: 68 kDa

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