

## Product datasheet for **TA372395S**

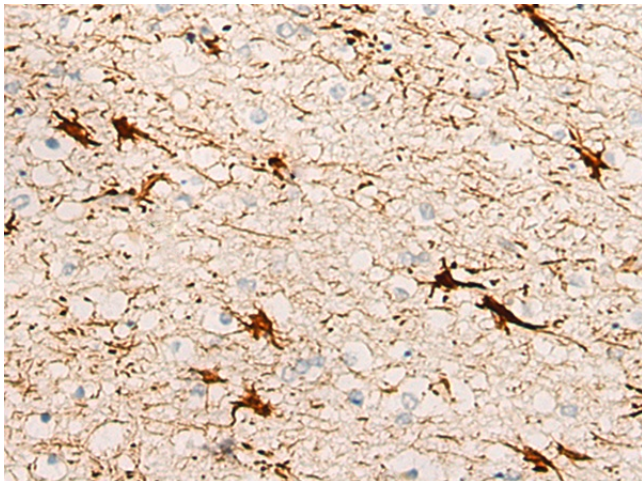
### DBX2 Rabbit Polyclonal Antibody

#### Product data:

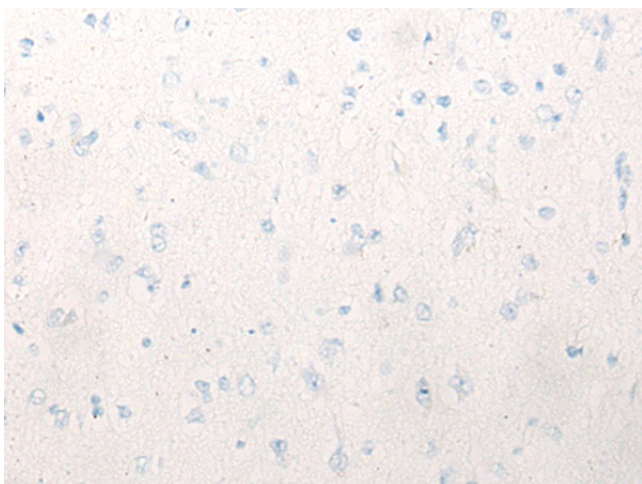
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 20-100 Positive control: Human brain Predicted cell location: Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human DBX2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	developing brain homeobox 2
Database Link:	<a href="#">Entrez Gene 440097 Human Q6ZNG2</a>
Background:	DBX2 is a member of the developing brain homeobox (DBX) protein family, but while the related protein DBX1 is expressed in various regions of the developing brain, DBX2 shows a more restricted pattern of expression in the brain, and is also expressed in some mesenchymal cells such as limb buds and tooth germs. It is thought that DBX1 and DBX2 promote the development of a subset of interneurons, some of which help mediate left-right coordination of locomotor activity. In <i>Xenopus</i> , DBX2 is involved in primary neurogenesis and early neural plate patterning, and is thought to act as a cross-repressive partner of NKX6-2 in the patterning of the ventral neural tube.
Synonyms:	FLJ16139



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**Product images:**

Immunohistochemistry of paraffin-embedded Human brain tissue using [TA372395] (DBX2 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA372395] (DBX2 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)