# Reductionism in Art and Brain Science: Bridging the Two Cultures



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## **Reviews**

This ebook is amazing. It is one of the most awesome pdf i have got read through. Your way of life span will probably be transform as soon as you comprehensive looking over this pdf. (Lula Graham IV)

# REDUCTIONISM IN ART AND BRAIN SCIENCE: BRIDGING THE TWO CULTURES



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Tantor Media, Inc, United States, 2018. CD-Audio. Condition: New. Unabridged edition. Language: English. Brand New. Are art and science separated by an unbridgeable divide? Can they find common ground? In this book, neuroscientist Eric R. Kandel, whose remarkable scientific career and deep interest in art give him a unique perspective, demonstrates how science can inform the way we experience a work of art and seek to understand its meaning. Kandel illustrates how reductionism-the distillation of larger scientific or aesthetic concepts into smaller, more tractable components-has been used by scientists and artists alike to pursue their respective truths. He draws on his Nobel Prize-winning work revealing the neurobiological underpinnings of learning and memory in sea slugs to shed light on the complex workings of the mental processes of higher animals. In Reductionism in Art and Brain Science, Kandel shows how this radically reductionist approach, applied to the most complex puzzle of our time-the brain-has been employed by modern artists who distill their subjective world into color, form, and light. Kandel demonstrates through bottom-up sensory and top-down cognitive functions how science can explore the complexities of human perception and help us to perceive, appreciate, and understand great works of art.

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